Name ____________________________

Skills Practice

Extend a Pattern

Circle the pattern unit. Draw the next two shapes in the pattern.

1.  
   [Diagram: square, triangle, square, triangle, square, triangle]
   ____  ____

2.  
   [Diagram: hat, scarf, hat, scarf, hat, scarf]
   ____  ____

3.  
   [Diagram: circle, oval, square, circle, oval, square]
   ____  ____

Draw a picture to solve.

4. Jess makes this pattern: circle, square, rectangle. She repeats the pattern 3 times. What does the pattern look like?
   Draw your picture here.

5. Nate makes this pattern: triangle, circle. He repeats the pattern 4 times. What does the pattern look like?
   Draw your picture here.
Skills Practice

Create a Pattern

Use pattern blocks to help make a pattern.
Draw your pattern. Then color.

1. [Diagram of pattern blocks: 3 rhombuses and 1 square]

2. [Diagram of pattern blocks: 2 circles and 1 square]

3. [Diagram of pattern blocks: 1 triangle, 1 square, and 1 circle]

Draw a picture to solve.

4. Amy has 3 blocks: a circle, a triangle, and a square. What is one kind of pattern she could make with the blocks? Draw it.
Skills Practice

Problem-Solving Strategy: Look for a Pattern

Look for a pattern to solve.


   Draw the missing bead here.

2. Van makes a necklace. Some beads fall off. Which beads are missing? Draw them.

   Draw the missing beads here.

3. Kai makes a necklace. Some beads fall off. Which beads are missing? Draw them.

   Draw the missing beads here.
Skills Practice
Numbers to 10

Count. Write the number. Write the word name.

1.  
   ___   ___

2.  
   ___   ___

3.  
   ___   ___

4.  
   ___   ___

5.  
   ___   ___

6.  
   ___   ___

Solve.

7. Stacy writes the numbers 1 and 10. Then she changes the words into numbers. What does she write?
   ___   ___

8. Julio is thinking of a number. The number is between six and eight. What number is Julio thinking of? Write the number and the word name.
   ___   ___
Skills Practice

Numbers 11 to 15

Count. Write the number. Write the word name.

1. [Image of spoons]

2. [Image of cups]

3. [Image of forks]

4. [Image of cups]

Solve.

5. Harry has 11 trading cards. Draw a line to his group of cards.

6. Luis has 15 trading cards. Draw a line to his group of cards.
Count. Write the number and word name.

1. [Diagram of 16 dots]
   ______  ________

2. [Diagram of 17 dots]
   ______  ________

3. [Diagram of 18 dots]
   ______  ________

4. [Diagram of 19 dots]
   ______  ________

Solve.

5. Tanya writes the following numbers in order: sixteen, seventeen, eighteen, nineteen, twenty. Then, she changes the words into numbers. What did she write?
Skills Practice

Problem-Solving Investigation: Choose a Strategy

Solve.

1. I have a row of 4 blocks. There are 2 of each shape: square and triangle. I have squares on both ends. Draw the pattern.

2. May writes a pattern using letters. She writes A and B four times. What is the 6th letter?

3. Bill draws a pattern \( \bigcirc \square \triangle \). He repeats his pattern three times. How many shapes does he draw?
Skills Practice

Compare Numbers

Preparation: Unit cubes are needed for this activity.

Use □ to show each number.

Compare. Circle the words.

1. 20 is ______ 15.  
   greater than  less equal than to

2. 18 is ______ 19.  
   greater than  less equal than to

3. 22 is ______ 22.  
   greater than  less equal than to

4. 10 is ______ 1.  
   greater than  less equal than to

5. 8 is ______ 18.  
   greater than  less equal than to

6. 16 is ______ 12.  
   greater than  less equal than to

Solve.

7. Mary has 17 marbles. Luis has 14 marbles.
   Who has the greater number of marbles?

   ______

8. Val has 10 post cards. Jerry has 12 post cards.
   Who has the greater number of post cards?

   ______
Skills Practice

Order Numbers

Write the missing number.

1. 18, 20
2. 17, 18
3. 15, 16
4. 10, 12
5. 7, 8
6. 9, 11

Count backward. Use the number line.
Write the missing numbers.

7. 20, ____, 18, ____, ____, 15, ____
Skills Practice

Addition Stories

Tell a number story to your partner.
Use ⬜️ ⬜️️ to add. Write how many in all.

1. How many watermelons total? _____

2. How many grapes in all? _____

3. How many oranges altogether? _____

Write how many in all.

4. Neil has 2 peaches. Neil’s dad buys 3 more. How many peaches are there now? _____ peaches

5. Sandra has 1 apple for lunch. Her friend also has an apple. How many apples are there in all? _____ apples
Skills Practice
Modeling Addition

Use WorkMat 3 and \( \bigcirc \bigcirc \) to add.

1. \[
\begin{array}{|c|c|}
\hline
\text{Part} & \text{Part} \\
\hline \bigcirc \bigcirc \bigcirc & \bigcirc \\
\hline \text{Whole} & 5 \\
\hline
\end{array}
\]

2. \[
\begin{array}{|c|c|}
\hline
\text{Part} & \text{Part} \\
\hline \bigcirc \bigcirc \bigcirc \bigcirc \bigcirc & \bigcirc \bigcirc \\
\hline \text{Whole} & \\
\hline
\end{array}
\]

3. \[
\begin{array}{|c|c|}
\hline
\text{Part} & \text{Part} \\
\hline \bigcirc \bigcirc & \bigcirc \bigcirc \bigcirc \\
\hline \text{Whole} & \\
\hline
\end{array}
\]

4. \[
\begin{array}{|c|c|}
\hline
\text{Part} & \text{Part} \\
\hline \bigcirc \bigcirc \bigcirc & \bigcirc \bigcirc \bigcirc \bigcirc \bigcirc \\
\hline \text{Whole} & \\
\hline
\end{array}
\]

Write how many. Use \( \bigcirc \bigcirc \).

5. Show 2.
Add 3 more.
How many in all?

Add 4 more.
How many altogether?

7. Show 5.
Add 2 more.
How many total?

8. Show 3.
Add 1 more.
How many in all?
Skills Practice
Addition Sentences

Write the addition sentence.

1. There are 4 bears at the lake. 2 more bears come. How many bears now?

2. There are 3 fish in the creek. 3 more fish swim by. How many in all?

5. There are 4 bears at the lake. 2 more bears come. How many bears now?

6. There are 3 fish in the creek. 3 more fish swim by. How many in all?
Skills Practice
Adding Zero

Find each sum.

1. \[2 + 0 = \underline{2}\]
2. \[0 + 6 = \underline{6}\]

3. \[0 + 3 = \underline{3}\]
4. \[1 + 0 = \underline{1}\]

5. \[4 + 0 = \underline{4}\]
6. \[8 + 0 = \underline{8}\]
7. \[7 + 0 = \underline{7}\]

8. There are 4 carrots in one bag. There are 0 carrots in the other bag. How many total carrots?

\[\underline{4}\] carrots

9. There are 6 tomatoes in a bowl. There are none in the other bowl. How many tomatoes in all?

\[\underline{6}\] tomatoes
Write a number sentence.  
Find how many in all.

1. 2 cars honk.  
   4 more cars honk.  
   How many total cars are honking?  
   \[ \_ + \_ = \_ \text{ cars} \]

2. 6 train cars pass.  
   Then 5 more pass.  
   How many total train cars pass?  
   \[ \_ + \_ = \_ \text{ train cars} \]

3. 4 school buses are parked. 3 more drive up. How many buses are there?  
   \[ \_ + \_ = \_ \text{ buses} \]

4. 2 planes fly by.  
   Then 1 more plane flies by. How many planes in all?  
   \[ \_ + \_ = \_ \text{ planes} \]
Skills Practice
Ways to Make 4, 5, and 6

Use ○ to make 4, 5, and 6. Color the ○.

Write the numbers.

<table>
<thead>
<tr>
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<th>plus</th>
<th></th>
<th>equals</th>
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<tbody>
<tr>
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</table>

Write the numbers.

1. Jose has 3 green apples and 1 red apple. How many apples in all?
   ___ + ___ = ___ apples

2. Sally has 4 storybooks and 2 math books. How many books in all?
   ___ + ___ = ___ books
Skills Practice

Ways to Make 7, 8, and 9

Put ◯ ◯ in two groups to make 7, 8, and 9. Write the numbers.

<table>
<thead>
<tr>
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<th>◯</th>
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</table>

Write an addition sentence to solve.

1. Sandra blows up 4 balloons.
   Mike blows up 3.
   How many balloons do they blow up together?
   ____ + ____ = ____ balloons

2. Cho has 3 party hats. She buys 5 more.
   How many party hats does she have in all?
   ____ + ____ = ____ hats
Skills Practice
Ways to Make 10, 11, and 12

Write the missing numbers.

1. \[ \square \square \square \square \square \square + \square = 10 \]
2. \[ \square \square \square + \square \square \square = 10 \]

Draw \( \bigcirc \bigcirc \) on WorkMat 1. Write the numbers.

3. \[ \square \square \square \square \square \square \square \square \square \square \square \square + \square \square \square \square \square \square \square \square \square = 12 \]
4. \[ \square \square \square \square \square \square \square \square \square \square \square \square + \square \square \square \square \square \square \square \square \square = 11 \]
5. \[ \square \square \square \square \square \square \square \square \square \square \square \square + \square \square \square \square \square \square \square \square \square = 10 \]
6. \[ \square \square \square \square \square \square \square \square \square \square \square \square + \square \square \square \square \square \square \square \square \square = 12 \]

Write number sentences to solve.

7. Ling’s book has 3 dots on the front. It has 7 dots on the back. How many dots in all?
   \[ \square + \square = \square \text{ dots} \]

8. David’s book has 7 blue stripes. It has 11 stripes in all. How many red stripes are there?
   \[ 7 + \square = 11 \text{ stripes} \]
Skills Practice

Problem-Solving Investigation: Choose a Strategy

Choose a strategy. Solve.

Problem-Solving Strategies
• Act it out
• Draw a picture
• Write a number sentence

1. Betsy makes 2 kites. Luis makes 1 kite. How many kites are made in all?

   [Diagram: 3 kites]

2. Chen has 5 spools of thread. He buys 2 more. How many total spools of thread are there?

   [Diagram: 7 spools]

3. Blake finds 4 crayons on the floor. Kim finds 7 more. How many crayons do they have now?

   [Diagram: 11 crayons]

Name ________________________________

Grade 1 48
Chapter 2
Skills Practice

Vertical Addition

Write the numbers. Add across and down.

1. 

\[
\begin{array}{c}
\phantom{5} + \phantom{1} = \phantom{6} \\
5 \hspace{2cm} 1 \hspace{2cm} 6
\end{array}
\]

2. 

\[
\begin{array}{c}
\phantom{5} + \phantom{1} = \phantom{6} \\
\phantom{5} \hspace{2cm} \phantom{1} \hspace{2cm} \phantom{6}
\end{array}
\]

3. 

\[
\begin{array}{c}
\phantom{5} + \phantom{1} = \phantom{6} \\
\phantom{5} \hspace{2cm} \phantom{1} \hspace{2cm} \phantom{6}
\end{array}
\]

Write two addition sentences. Add.

4. There are 3 birds in the nest.
   2 more fly to the nest.
   How many birds are in the nest altogether?

\[
\begin{array}{c}
\phantom{5} + \phantom{1} = \phantom{6} \\
\phantom{5} \hspace{2cm} \phantom{1} \hspace{2cm} \phantom{6}
\end{array}
\]
Skills Practice

Subtraction Stories

Tell a number story. Use ○.
Write how many are left.

1. Show 5.
   Take 1 away.
   How many are left?
   ____

2. Show 4.
   Take 4 away.
   How many now?
   ____

   Put 4 away.
   How many are still there?
   ____

   Take 4 away.
   How many are left?
   ____

5. Show 4.
   Take 1 away.
   How many are left?
   ____

   Take 2 away.
   How many now?
   ____
Skills Practice

Modeling Subtraction

Use WorkMat 3 and ○ to subtract.

1. | Part | Part |
   | 7    |      |
   |       | Whole|
   |       | 8    |

2. | Part | Part |
   | 1    |      |
   |       | Whole|
   |       | 5    |

3. | Part | Part |
   | 2    |      |
   |       | Whole|
   |       | 10   |

4. | Part | Part |
   | 1    |      |
   |       | Whole|
   |       | 6    |

5. | Part | Part |
   | 6    |      |
   |       | Whole|
   |       | 9    |

6. | Part | Part |
   | 9    |      |
   |       | Whole|
   |       | 10   |

7. | Part | Part |
   | 4    |      |
   |       | Whole|
   |       | 10   |

8. | Part | Part |
   | 8    |      |
   |       | Whole|
   |       | 9    |
Name ____________________________

Skills Practice

Subtraction Sentences

Write the subtraction sentence.

1. □ □ □
   3 take away 1 equals ___.
   ___  ___  ___  ___

2. □ □ □ □
   ___ take away ___ equals ___.
   ___  ___  ___  ___

3. □ □ □
   ___  ___  ___  ___

4. □ □ □ □ □
   ___  ___  ___  ___

5. □ □ □ □ □ □
   ___  ___  ___  ___

6. □ □ □ □ □
   ___  ___  ___  ___

7. There are 6 cats in a tree. I cat runs away. How many cats are left?
   ___  ___  ___  ___

8. There are 6 cats playing. 3 cats run away. How many cats are left?
   ___  ___  ___  ___
Skills Practice
Subtract Zero and All

Find the difference. Use ☐ if needed.

1. $8 - 0 = \underline{8}$
2. $9 - 9 = \underline{9 - 9}$
3. $7 - 0 = \underline{7}$
4. $5 - 5 = \underline{5}$
5. $6 - 0 = \underline{6}$
6. $4 - 4 = \underline{4 - 4}$
7. $3 - 3 = \underline{3 - 3}$
8. $9 - 0 = \underline{9}$
9. $7 - 7 = \underline{7 - 7}$
10. $4 - 0 = \underline{4 - 0}$
11. $6 - 6 = \underline{6 - 6}$
12. $8 - 8 = \underline{8 - 8}$
13. $3 - 0 = \underline{3 - 0}$
14. $5 - 0 = \underline{5 - 0}$
15. $2 - 2 = \underline{2 - 2}$
16. $9 - 9 = \underline{9 - 9}$
17. $6 - 0 = \underline{6}$
18. $2 - 0 = \underline{2}$
19. $5 - 5 = \underline{5}$
20. Dan has 4 🍁.
All 4 🍁 get stuck in a tree.
How many 🍁 does Dan have left?

She puts 8 ☺ in a basket and gives them to her dad.
How many ☺ does Jeri have?
Skills Practice
Problem-Solving Strategy: Draw a Picture

Draw a picture to solve.

1. Bob had 8 bananas.
   He ate 2.
   How many does he have left? _____ bananas

2. Jill had 10 apples.
   She ate 0.
   How many does she have now? _____ apples

3. Sue had 5 carrots.
   She gave 4 away.
   How many does she still have? _____ carrot

4. 9 toys are in a box. David takes 4 toys out of the box.
   How many toys are left in the box? _____ toys
Skills Practice

Subtract From 4, 5, and 6

Use 🍝. Write the numbers.

<table>
<thead>
<tr>
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</table>
Skills Practice

Subtract From 7, 8, and 9

Use . Write the numbers.

Subtract from 4, 5, and 6

<table>
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Name ____________________________

Skills Practice
Problem-Solving Investigation: Choose a Strategy

Choose a strategy.
Solve.

Problem-Solving Strategies
• Act it out
• Draw a picture

1. Ted has 9 cars.
   Dick has 4 cars.
   How many more cars does Ted have?
   _____ cars

2. Sue and Beth jump rope.
   Sue jumps 10 times.
   Beth jumps 8 times.
   How many more times does Sue jump?
   _____ jumps

3. Allison had 10 crayons.
   Now she has 7 crayons.
   How many crayons did she give away?
   _____ crayons
Name ________________________________

**Skills Practice**

*Subtract from 10, 11, and 12*

Use WorkMat 1 and ⬗ ○ to subtract.

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<thead>
<tr>
<th>1.</th>
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<tbody>
<tr>
<td><img src="image" alt=" Ten Frame 1 " /></td>
<td><img src="image" alt=" Ten Frame 2 " /></td>
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<tr>
<td>10 - 3 = ____</td>
<td>11 - 2 = ____</td>
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<tr>
<td>10 - 7 = ____</td>
<td>11 - 9 = ____</td>
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<tr>
<td>12 - 8 = ____</td>
<td>11 - 6 = ____</td>
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</table>

**Fill in the ten frame and solve.**

<table>
<thead>
<tr>
<th>5.</th>
<th>6.</th>
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<tbody>
<tr>
<td><img src="image" alt=" Ten Frame 5 " /></td>
<td><img src="image" alt=" Ten Frame 6 " /></td>
</tr>
<tr>
<td>Lisa had 10 ice cubes in a glass. 9 of the ice cubes melted. How many cubes are left? _____ ice cubes</td>
<td></td>
</tr>
<tr>
<td>Carol had 12 pennies. She spent 3 pennies. How many pennies does Carol have now? _____ pennies</td>
<td></td>
</tr>
</tbody>
</table>
Skills Practice
Vertical Subtraction

Cross out to subtract.

1. \[ \begin{array}{c}
\text{9} \\
\underline{-3}
\end{array} \]

2. \[ \begin{array}{c}
\text{6} \\
\underline{-2}
\end{array} \]

3. \[ \begin{array}{c}
\text{6} \\
\underline{-1}
\end{array} \]

4. \[ \begin{array}{c}
\text{8} \\
\underline{-2}
\end{array} \]

Write two subtraction sentences. One across ↔ and one down ⬆️.

5. Rory’s mom buys 7 apples. Alfonso eats some of them. There are 5 left. How many did Rory eat?

6. Mia had 9 marbles. She lost 7 of them. How many does she have now?
Skills Practice

Sort and Classify

Sort the counters. Draw them on the Venn diagram.

1. Use 5, 2, 1

2. Use 1, 5, 2

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Skills Practice
Picture Graphs

Use the graph to answer the questions.

<table>
<thead>
<tr>
<th>Favorite Fruit</th>
</tr>
</thead>
<tbody>
<tr>
<td>apple</td>
</tr>
<tr>
<td>banana</td>
</tr>
<tr>
<td>strawberry</td>
</tr>
</tbody>
</table>

1. Do more people like 🍌 or 🍓?
   Draw it. __________

2. Which fruit has 3 votes?
   Draw it. __________

3. How many people like 🍓? __________

4. Which fruit has more than 5 votes?
   Draw it. __________

5. There are how many more votes for 🍓 than 🍏?
   __________

6. There are how many more votes for 🍏 than 🍌?
   __________
Skills Practice

Problem-Solving Strategy: Make a Table

Make a table to solve.

1. Jose sees 3 🦅, 5 🐙, and 2 🐠 at the beach.

<table>
<thead>
<tr>
<th>Objects on the beach</th>
<th>How many?</th>
<th>Does it have wings?</th>
</tr>
</thead>
<tbody>
<tr>
<td>🦅</td>
<td>_____</td>
<td>_____</td>
</tr>
<tr>
<td>🐙</td>
<td>_____</td>
<td>_____</td>
</tr>
<tr>
<td>🐠</td>
<td>_____</td>
<td>_____</td>
</tr>
</tbody>
</table>

How many more 🐙 than 🐠 are on the beach? _____
How many objects have wings? _____

2. Ann went to the zoo. She saw 🦒, 🎈, and 🦅.

<table>
<thead>
<tr>
<th>Objects at the zoo</th>
<th>Is it tall?</th>
<th>Does it have wings?</th>
<th>Is it alive?</th>
</tr>
</thead>
<tbody>
<tr>
<td>🦒</td>
<td>_____</td>
<td>_____</td>
<td>_____</td>
</tr>
<tr>
<td>🎈</td>
<td>_____</td>
<td>_____</td>
<td>_____</td>
</tr>
<tr>
<td>🦅</td>
<td>_____</td>
<td>_____</td>
<td>_____</td>
</tr>
</tbody>
</table>

Are there any tall objects that are alive? _____
Are there any tall objects that have wings? _____
Skills Practice  
Tally Charts

Count the tally marks. Write each total.

<table>
<thead>
<tr>
<th>Season</th>
<th>Tally</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>summer</td>
<td>⃝����</td>
<td>6</td>
</tr>
<tr>
<td>fall</td>
<td>⼏</td>
<td></td>
</tr>
<tr>
<td>winter</td>
<td>⼉</td>
<td></td>
</tr>
<tr>
<td>spring</td>
<td>⼇</td>
<td></td>
</tr>
</tbody>
</table>

1. Which season got the **most** votes? ___________
2. Which season got the **fewest** votes? ___________
3. How many chose 🍃? ___________
4. How many chose 🎃? ___________
5. Which got **more** votes, 🍃 or 🎃? ___________
6. Which got 4 votes, 🍃 or 🎃? ___________
7. How many **more** votes did ☀ get than 🎃? _____
8. How many **total** votes did 🍃 and 🍃 get? _____
9. How many people were surveyed? ___________

Remember  
1 = 1  
������ = 5
Use the bar graph. Answer the questions.

1. Which fruit has **fewer** votes, banana or cherry? **cherry**

2. Which fruit got the **most** votes? ______

3. Which fruit has the **least** votes? ______

4. Which fruit has **more** votes, orange or banana? ______

5. Count the votes for apple and orange. How many votes in all? ______

6. How many more votes for banana than for apple? ______

7. How many people were surveyed? __________
Skills Practice
Make a Bar Graph

Write each total. Make a bar graph. Answer the questions.

<table>
<thead>
<tr>
<th>What We Like to Do</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Play games</td>
<td>3</td>
</tr>
<tr>
<td>Read a book</td>
<td>4</td>
</tr>
<tr>
<td>Draw</td>
<td>2</td>
</tr>
</tbody>
</table>

1. Which do more students like to do, play games or draw? ________

2. Which activity got the most votes? ________

3. Which activity got the fewest votes? ________

4. Which activity got fewer votes than playing games? ________

5. Which 2 activities got 8 votes in all?
   ______________________

6. How many more votes did **read a book** get than **draw**? ________

7. How many students voted? ___________
Skills Practice
Problem-Solving Investigation: Choose a Strategy

Choose a strategy to solve.
1. How many more students like pancakes than eggs?

2. How many students like pancakes and eggs?

3. How many students voted for favorite breakfast foods?

4. Four more students said they like cereal. Add the votes to the chart.

5. Which two breakfast foods received the same number of votes?

6. Add one more vote for pancakes on the chart. Now how many more students like pancakes than eggs? 

Problem-Solving Strategies
• Guess and check
• Draw a picture
• Write a number sentence
Skills Practice
Certain or Impossible

Helen cuts out some shapes. She puts them in a bag.

<table>
<thead>
<tr>
<th>Shapes in Helen’s Bag</th>
</tr>
</thead>
<tbody>
<tr>
<td>square</td>
</tr>
<tr>
<td>circle</td>
</tr>
<tr>
<td>star</td>
</tr>
</tbody>
</table>

Look at the bar graph. Circle your answers.

1. You can pick a square from the bag. certain impossible
2. You can pick a star from the bag. certain impossible
3. You can pick a circle from the bag. certain impossible
Skills Practice
Add in Any Order

Write the addends. Add. You can use 〇 〇.

1. 〇〇〇〇〇〇〇〇〇〇〇
   〇〇〇〇〇〇〇〇〇〇

   addend + addend = sum
   addend + addend = sum

2. 〇〇〇〇〇〇〇
   〇〇〇〇〇〇〇

   _____ + _____ = _____
   _____ + _____ = _____

3. 〇〇〇〇〇〇〇〇〇〇〇〇〇
   〇〇〇〇〇〇〇〇〇〇
   + 〇〇〇〇〇〇〇
   + 〇〇〇〇〇〇〇

4. 6 + 3 = _____
   3 + 6 = _____

5. 1 + 5 = 6
   5 + 1 = 6

6. There are 4 lions in the zoo. 5 more come. How many lions are in the zoo?
   _____ + _____ = _____
   _____ + _____ = _____

7. There are 2 bunnies in the field. 5 more come. How many bunnies are in the field now?
   _____ + _____ = _____
   _____ + _____ = _____
Skills Practice

Count On 1, 2, or 3

Use . Start with the greater number. Count on to add.

1. $7 + 3 = \underline{\hspace{2cm}}$
2. $6 + 2 = \underline{\hspace{2cm}}$
3. $1 + 8 = \underline{\hspace{2cm}}$
4. $4 + 3 = \underline{\hspace{2cm}}$
5. $3 + 1 = \underline{\hspace{2cm}}$
6. $2 + 5 = \underline{\hspace{2cm}}$
7. $3 + 5 = \underline{\hspace{2cm}}$
8. $3 + 2 = \underline{\hspace{2cm}}$
9. $\begin{array}{c}
1 \\
+ 3
\end{array} + \begin{array}{c}
9 \\
+ 3
\end{array}$
10. $\begin{array}{c}
4 \\
+ 2
\end{array} + \begin{array}{c}
2 \\
+ 7
\end{array}$
11. $\begin{array}{c}
7 \\
+ 1
\end{array} + \begin{array}{c}
1 \\
+ 5
\end{array}$
12. $\begin{array}{c}
4 \\
+ 1
\end{array} + \begin{array}{c}
2 \\
+ 2
\end{array}$
13. $\begin{array}{c}
6 \\
+ 3
\end{array} + \begin{array}{c}
9 \\
+ 2
\end{array}$
14. $\begin{array}{c}
8 \\
+ 2
\end{array} + \begin{array}{c}
3 \\
+ 3
\end{array}$

Count on to add. Write the number sentence.

15. Mary sees 2 buses. Then she sees 3 more. How many buses does she see in all?

\[ \underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}} \text{ buses} \]

16. Dave sees 4 bikes. His Dad sees 3 bikes. How many total bikes do they see?

\[ \underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}} \text{ bikes} \]
Skills Practice

Problem-Solving Strategy: Act it Out

Act it out to solve.

1. John sees 6 boats. 2 more pass by. How many boats does he see in all?
   _____ boats

2. Ben catches a ball 3 times. Then he catches the ball 4 more times. How many times does he catch the ball?
   _____ times

3. Sam sees 4 ducks in a pond. 1 more duck comes. How many ducks does Sam see?
   _____ ducks

4. Eric sees 4 flowers in the garden. He sees 2 flowers in the yard. How many flowers does he see?
   _____ flowers
Skills Practice

Add 1, 2, or 3

Circle the greater number. Then count on to add.

1. 2 + 3 = _____  
2. 5 + 2 = _____

3. 4 + 9 = _____  
4. 6 + 3 = _____

5. 5 + 1 = _____  
6. 3 + 5 = _____

7. 3 + 8 = _____  
8. 1 + 3 = _____

9. 4 + 3 = _____  
10. 3 + 6 = _____

11. 9 + 2 = _____

12. 8 + 2 = _____  
13. 2 + 6 = _____

14. 5 + 1 = _____

Start with the greater number. Count on to find each sum. Write the number sentence.

15. Jose kicked the ball 2 times. Then he kicked the ball 5 more times. How many times did he kick the ball?
   ____ + ____ = ____ times

16. Lara runs 3 laps. She takes a break. Then she runs 2 more laps. How many total laps does she run?
   ____ + ____ = ____ laps
Skills Practice

Use a Number Line to Add

Use the number line. Add.

1. 5 + 3 = _____  
   6 + 1 = _____  
   2 + 2 = _____

2. 9 + 2 = _____  
   8 + 2 = _____  
   7 + 3 = _____

3. 6 + 2 = _____  
   9 + 3 = _____  
   7 + 2 = _____

4. 8 + 1 = 9  
   6 + 3 = 9  
   7 + 2 = 9  
   9 + 1 = 10  
   8 + 2 = 10  
   8 + 3 = 11

5. 1 + 7 = 8  
   5 + 2 = 7  
   3 + 4 = 7  
   3 + 9 = 12  
   2 + 4 = 6  
   3 + 3 = 6

6. Mark ate 3 peas. Then he ate 7 more. How many peas did he eat? _____ peas

7. Lori drank 2 cups of milk. Bill and Julia each drank 1 cup. How many cups did they drink in all? _____ cups
Write the sum.

<p>| | | | | | | | |</p>
<table>
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</tbody>
</table>

1. 1 + 1 = __

2. 2 + 2 = __

3. 3 + 3 = __

4. 4 + 4 = __

5. 5 + 5 = __

6. 6 + 6 = __

7. 7 + 7 = __

8. 8 + 8 = __

9. 9 + 9 = __

10. 10 + 10 = __

11. 11 + 11 = __

12. 12 + 12 = __

13. 13 + 13 = __

14. 14 + 14 = __

15. 15 + 15 = __

16. 4 bears are in a cave. How many bears are there? __ + __ = __ bears

17. 2 rabbits hop. 2 rabbits run. How many rabbits are there? __ + __ = __ rabbits
Skills Practice
Doubles Plus 1

Find each sum. Use \( \color{red}\_\).

1. \( 3 + 3 = \) ______
2. \( 4 + 3 = \) ______
3. \( 2 + 2 = \) ______
4. \( 3 + 2 = \) ______
5. \( 4 + 4 = \) ______
6. \( 4 + 5 = \) ______
7. \( 1 + 1 = \) ______
8. \( 1 + 2 = \) ______
9. \( \begin{array}{c} 6 \\ + 6 \end{array} \) ______
10. \( \begin{array}{c} 7 \\ + 6 \end{array} \) ______
11. \( \begin{array}{c} 1 \\ + 1 \end{array} \) ______
12. \( \begin{array}{c} 1 \\ + 2 \end{array} \) ______
13. \( \begin{array}{c} 5 \\ + 5 \end{array} \) ______
14. \( \begin{array}{c} 5 \\ + 6 \end{array} \) ______

Use a doubles plus 1 fact to solve.

15. Nathan has 3 sticks. Jack has 4 sticks. How many total sticks do they have?
   \( \_3 + \_3 = \_ \) will help
   \( 3 + 4 = \_ \) sticks

   \( \_ + \_ = \_ \) will help
   \( 5 + 6 = \_ \) triangles
Name ____________________________

Skills Practice

Problem-Solving Investigation: Choose a Strategy

Choose a strategy. Solve.

1. Dan eats 2 peaches. Patty eats 1 peach. How many do they eat?
   _____ peaches

2. There are 5 cows in the barn. There are 7 cows in the field. How many cows are there?
   _____ cows

3. Mike has 4 books. Kyle has 5 books. How many books do they have in all?
   _____ books

Problem-Solving Strategies
• Draw a picture
• Guess and check
• Act it out
Count back to subtract. Use \( \text{○} \) to help.

1. \( \begin{array}{ccc} \text{○} & \text{○} & \text{○} \end{array} \) \( \begin{array}{ccc} \text{○} & \text{○} \end{array} \)

5, \( \text{___} \), \( \text{___} \)

5 \( - \) 2 = \( \text{___} \)

2. \( \begin{array}{cccccccc} \text{○} & \text{○} & \text{○} & \text{○} & \text{○} & \text{○} & \text{○} & \text{○} \end{array} \) \( \begin{array}{ccc} \text{○} & \text{○} \end{array} \)

7, \( \text{___} \), \( \text{___} \), \( \text{___} \)

7 \( - \) 3 = \( \text{___} \)

3. \( 4 - 3 = \text{___} \)

4. \( 5 - 1 = \text{___} \)

5. \( 9 - 2 = \text{___} \)

6. \( 10 - 3 = \text{___} \)

Write the number sentence. Count back to solve. Use \( \text{○} \).

7. There are 12 cars on the bridge.
   3 drive away. How many cars are left?
   \( \text{___} \) \( \text{___} \) \( \text{___} \) \( \text{___} \) cars

8. 7 apples are in the tree. 3 fall off.
   How many apples are in the tree now?
   \( \text{___} \) \( \text{___} \) \( \text{___} \) \( \text{___} \) apples
Skills Practice
Problem-Solving Strategy: Write a Number Sentence

Write a number sentence to solve.

1. 12 girls play kickball.
   4 of them go home.
   How many are still playing kickball?
   ____  ____  ____  ____ girls

2. There are 10 computers in the classroom.
   2 are not working.
   How many computers are still working?
   ____  ____  ____  ____ computers

3. 12 people are at the cook out.
   6 of them eat hot dogs.
   How many of them do not eat hot dogs?
   ____  ____  ____  ____ people

4. There are 8 penguins at the zoo.
   4 of them are sent to another zoo.
   How many penguins are left?
   ____  ____  ____  ____ penguins
Use the number line to subtract.

1. \(7 - 3 = \) 

2. \(6 - 1 = \) 

3. \(12 - 2 = \) 

4. \(5 - 3 = \) 

Solve. Use the number line to help.

5. 8 cars start in the race.
   2 cars cannot finish.
   How many cars finish the race?

   \[ \text{_____} - \text{_____} = \text{_____} \text{ cars} \]

6. Jess and her mom go to the post office.
   They buy 10 stamps. Jess puts a stamp on three letters. How many stamps are left?

   \[ \text{_____} - \text{_____} = \text{_____} \text{ stamps} \]
Choose a strategy. Solve.

Problem Solving Strategies
• Draw a picture
• Write a number sentence
• Guess and check

1. The baseball team has 6 bats.
   2 of the bats are lost.
   How many bats are left?
   _____ bats

2. Bob catches 9 fish.
   Sam catches 6.
   How many more does Bob catch?
   _____ fish

3. The art teacher has 15 brushes.
   She breaks 2.
   How many brushes does she have now?
   _____ paintbrushes

4. 12 players are on the basketball team.
   5 of them are playing.
   How many are not playing?
   _____ players
Skills Practice

Use Doubles to Subtract

Add the doubles. Then subtract.

1. 
   \[
   \begin{align*}
   3 + 3 & = 6 \\
   6 - 3 & = 3 \\
   \end{align*}
   \]

   \[
   \begin{align*}
   4 + 4 & = \_\_\_ \\
   8 - 4 & = \_\_\_ \\
   \end{align*}
   \]

   \[
   \begin{align*}
   7 + 7 & = \_\_\_ \\
   14 - 7 & = \_\_\_ \\
   \end{align*}
   \]

2. 
   \[
   \begin{align*}
   6 + 6 & = \_\_\_ \\
   12 - 6 & = \_\_\_ \\
   \end{align*}
   \]

   \[
   \begin{align*}
   1 + 1 & = \_\_\_ \\
   2 - 1 & = \_\_\_ \\
   \end{align*}
   \]

   \[
   \begin{align*}
   5 + 5 & = \_\_\_ \\
   10 - 5 & = \_\_\_ \\
   \end{align*}
   \]

3. 
   \[
   \begin{align*}
   8 + 8 & = \_\_\_ \\
   16 - 8 & = \_\_\_ \\
   \end{align*}
   \]

   \[
   \begin{align*}
   2 + 2 & = \_\_\_ \\
   4 - 2 & = \_\_\_ \\
   \end{align*}
   \]

   \[
   \begin{align*}
   9 + 9 & = \_\_\_ \\
   18 - 9 & = \_\_\_ \\
   \end{align*}
   \]

Write a number sentence. Use doubles to solve.

4. Ken has 8 puppets. He and his friends use 4 of them for a puppet show. How many puppets are left?

   \[
   \_\_\_ \bigcirc \_\_\_ \bigcirc \_\_\_ \_\_ \text{ puppets}
   \]

5. Justin reads 10 pages from his book. He reads 5 pages in the morning. He reads the rest at night. How many pages does he read at night?

   \[
   \_\_\_ \bigcirc \_\_\_ \bigcirc \_\_\_ \_\_ \text{ pages}
   \]
Use the related fact to write the related subtraction sentences.

1. \(7 + 3 = \boxed{10}\)
   \[
   \begin{align*}
   10 - 3 &= 7 \\
   10 - 7 &= 3
   \end{align*}
   \]

2. \(2 + 6 = \boxed{8}\)
   \[
   \begin{align*}
   \_\_ - \_\_ &= \_\_ \\
   \_\_ - \_\_ &= \_\_
   \end{align*}
   \]

3. \(9 + 2 = \boxed{11}\)
   \[
   \begin{align*}
   \_\_ - \_\_ &= \_\_ \\
   \_\_ - \_\_ &= \_\_
   \end{align*}
   \]

4. \(3 + 9 = \boxed{12}\)
   \[
   \begin{align*}
   \_\_ - \_\_ &= \_\_ \\
   \_\_ - \_\_ &= \_\_
   \end{align*}
   \]

5. \(6 + 5 = \boxed{11}\)
   \[
   \begin{align*}
   \_\_ - \_\_ &= \_\_ \\
   \_\_ - \_\_ &= \_\_
   \end{align*}
   \]

6. \(5 + 4 = \boxed{9}\)
   \[
   \begin{align*}
   \_\_ - \_\_ &= \_\_ \\
   \_\_ - \_\_ &= \_\_
   \end{align*}
   \]

Solve. Write the related addition fact.

7. This month, we picked 10 flowers. Last month, we picked 3. How many more flowers did we pick this month?
   \[
   10 - 7 = \_\_ \text{ flowers} \\
   \_\_ + \_\_ = 10
   \]

8. Mrs. Jones’ class has 8 goldfish. Mr. Kim’s class has 4 goldfish. How many more goldfish does Mrs. Jones’ class have?
   \[
   8 - 4 = \_\_ \text{ goldfish} \\
   \_\_ + \_\_ = 8
   \]
Skills Practice

Fact Families

Write the numbers in the fact families.

1. \(8 + 3 = \quad 3 + 8 = \quad \)
   \(11 - 8 = \quad 11 - 3 = \quad \)

2. \(6 + 5 = \quad 5 + 6 = \quad \)
   \(11 - 6 = \quad 11 - 5 = \quad \)

3. \(7 + 5 = \quad 5 + 7 = \quad \)
   \(12 - 7 = \quad 12 - 5 = \quad \)

4. \(4 + 5 = \quad 5 + 4 = \quad \)
   \(9 - 4 = \quad 9 - 5 = \quad \)

Solve.

5. Ben reads that the numbers 4, 7, and 11 make up a fact family.
   Help him write the number sentences.
   \( \quad \quad \quad = \quad \)
   \( \quad \quad \quad = \quad \)
   \( \quad \quad \quad = \quad \)
Skills Practice

Ordering Events

Write the correct time of day.

1. Draw what would come before and after.
   1. Planting a seed.
       before after
   3. Raking the leaves.
       before after

Write the correct time of day.

4. Tina gets ready for bed when it is ____________.
5. Connor comes home from school during the ____________.
Skills Practice
Time to the Hour

Use \(\text{\textcircled{\text{}}}\) . Write the time.

1.  

\[ \begin{array}{ccc} 
11 \text{ o'\text{clock}} & 12 \text{ o'\text{clock}} & 1 \text{ o'\text{clock}} 
\end{array} \]

2.  

\[ \begin{array}{ccc} 
8 \text{ o'\text{clock}} & 7 \text{ o'\text{clock}} & 6 \text{ o'\text{clock}} 
\end{array} \]

3.  

\[ \begin{array}{ccc} 
4 \text{ o'\text{clock}} & 3 \text{ o'\text{clock}} & 2 \text{ o'\text{clock}} 
\end{array} \]

Use \(\text{\textcircled{-\text{}}}\) to solve.

4. Mr. Roth’s class starts at this time.  
   When does Mr. Roth’s class start?  
   \(10 \text{ o'\text{clock}}\)

5. Chris has a soccer game at this time.  
   When does the soccer game start?  
   \(1 \text{ o'\text{clock}}\)
Skills Practice
Time to the Half Hour

Use the clock to write the time.

1. half past ____
2. half past ____
3. half past ____
4. half past ____
5. half past ____
6. half past ____

Look at the clock. Write the time.

7. Sami starts breakfast at 7 o’clock. What time does she finish? half past ____

8. Sami starts lunch at 12 o’clock. What time does she finish? half past ____

9. Sami starts dinner at half past 5. What time does she finish? half past ____
Skills Practice

Problem-Solving Strategy: Make a Table

Use the table to answer the questions. Circle or write your answer.

<table>
<thead>
<tr>
<th>Subject</th>
<th>Time Subject Begins</th>
<th>Time Subject Ends</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reading</td>
<td>9:00</td>
<td>10:00</td>
</tr>
<tr>
<td>Writing</td>
<td>10:00</td>
<td>11:00</td>
</tr>
<tr>
<td>Art/Music</td>
<td>11:00</td>
<td>12:00</td>
</tr>
<tr>
<td>Lunch</td>
<td>12:00</td>
<td>12:30</td>
</tr>
<tr>
<td>Recess</td>
<td>12:30</td>
<td>1:00</td>
</tr>
<tr>
<td>Math</td>
<td>1:00</td>
<td>2:00</td>
</tr>
<tr>
<td>Science</td>
<td>2:00</td>
<td>2:30</td>
</tr>
<tr>
<td>Social Sciences</td>
<td>2:30</td>
<td>3:30</td>
</tr>
</tbody>
</table>

1. Sean has to visit the dentist. He will leave at the same time that science begins. What time will Sean leave school?

   9:00    10:00    2:00    2:30

2. Lucy’s favorite subject begins at 10:00. What is Lucy’s favorite subject?

   Math   Writing   Art/Music   Social Studies

3. What is the first subject taught after recess?

   _________

4. _________ ends at 10:00.
Skills Practice

Telling Time to the Hour and Half Hour

Draw the hands.

1. 

2. 

3. 

4. 

5. 

6. 

Solve. Use to help.

7. **Brian** starts with the time on the clock. He moves the minute hand 60 minutes. What time is it now?

8. **Dina** starts with the time on the clock. She moves the minute hand 30 minutes. What time is it now?
Circle the activity that takes a shorter amount of time.

1. 

Circle the activity that takes a longer amount of time.

3. 

4.
Skills Practice

Problem-Solving Investigation: Choose a Strategy

Choose a strategy. Solve.

1. Emilio spent 30 minutes cleaning his room. He started at 10:30. What time did he finish? _____

2. Randy and Caleb ride horses for 2 hours. They finish their ride at 2:30. When did they start? ______

3. Cora studies for 1 hour. Then, she reads from 8:30 to 9:00. Does Cora spend more time studying or reading? ______

4. Gwen and Dad go to the library at 12:00. Mom picks them up at 2:30. How long are they at the library? _____ hours and _____ minutes

Problem-Solving Strategies
- Make a table
- Use a model
- Draw a picture

Show your work here.
Name

Skills Practice
Counting to 20

Write each number as 10 and some ones left over.

1. 

11 is _____ and _____ ones.

   ele

   ven

2. 

14 is _____ and _____ ones.

   four

   teen

3. 

16 is _____ and _____ ones.

   six

   teen

Answer the questions.

4. If you have 10 apples, how many more do you need to have 15? _____

5. If you have 2 carrots, how many more do you need to have 12? _____

6. If you have 10 bananas, how many more do you need to have 19? _____
Skills Practice

Counting by Tens

Count by tens. Write the number.

1. [tens] tens [fifty]

2. [tens] tens [sixty]

3. [tens] tens [seventy]

Solve.

4. Rose counts pennies by tens. She has 8 sets of ten pennies. How many pennies does she have?
   _____ pennies

5. Allison has ten peanuts. There are ten more peanuts left in a jar. How many peanuts are there in all?
   _____ peanuts
Skills Practice

Problem-Solving Strategy: Look for a Pattern

Look for a pattern to solve.

1. Pete goes for a walk. He walks to the store before he walks to school. He walks to the arcade before he walks to the store. Where did he walk first?

Show your work here.

2. Ima dances. She hops before she jumps. She jumps before she skips. What does she do last?

3. Wendy, Mark, and Stu make snowballs. Mark’s ball is the largest. Stu’s ball is not the smallest. Whose snowball is the smallest?
Use the hundred chart. Find each number below on the chart. Find 1 less. Find 1 more.

1. 25
   1 less is _____.
   1 more is _____.

2. 46
   1 less is _____.
   1 more is _____.

3. 90
   1 less is _____.
   1 more is _____.

Write the numbers in order.

4. There are 10 kids in Mary’s class. There are 8 kids in Mark’s class. There are 6 kids in David’s class. Write the numbers in order. _____ _____ _____
Skills Practice
Estimating with Groups of Tens

Circle a group of 10. Estimate. Then count.

1. Estimate _____
   Count _____

2. Estimate _____
   Count _____

3. Estimate _____
   Count _____

4. Jack has 12 pennies. Neil has 10 more. About how many pennies does Neil have? _____

5. Sue has 53 pencils. Ray has 10 less. About how many pencils does Ray have? _____
Skills Practice

Problem-Solving Investigation: Choose a Strategy

Choose a strategy. Solve.

1. Rick counts by 2s. He says 8, 10, 12, 16, 18. Which number did he forget? _____

2. Amy has 8 groups of 10 cubes. She takes 4 groups away. How many cubes does she have now? _____ cubes

3. Matt has 5 boxes of toy cars. Each box has 10 cars. He gives away 9 toy cars. How many does he have now? _____ toy cars

4. Birds have 2 wings. There are 6 birds in a tree. How many total wings are there? _____ wings
Skills Practice

Skip Counting by 2s, 5s, and 10s

1. Count the leaves.

2, 4, __, __, __, __ leaves

2. Count the leaves.

5, __, __, __, __, __ leaves

3. Count the leaves.

10, __, __, __, __, __, __ leaves

Solve.

4. Lucy has 4 apples.
   • Molly has 2 more apples than Lucy.
   • Sara has two more apples than Molly.
   How many apples does Molly have? _____
   How many apples does Sara have? _____
Skills Practice

Skip Counting on a Hundred Chart

<p>| | | | | | | | | | |</p>
<table>
<thead>
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</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
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<td>95</td>
<td>96</td>
<td>97</td>
<td>98</td>
<td>99</td>
<td>100</td>
</tr>
</tbody>
</table>

1. Count by 2s to 20. Color the boxes with those numbers red.

2. Count by 5s to 50. Circle those numbers.

3. Count by 10s. Put a box around those numbers.
### Skills Practice

**Even and Odd**

Look at the numbers. Circle *even* or *odd*.

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>1.</td>
<td>8</td>
<td>even</td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td>14</td>
<td>even</td>
<td>odd</td>
</tr>
<tr>
<td>3.</td>
<td>16</td>
<td>even</td>
<td>odd</td>
</tr>
<tr>
<td>4.</td>
<td>11</td>
<td>even</td>
<td>odd</td>
</tr>
<tr>
<td>5.</td>
<td>19</td>
<td>even</td>
<td>odd</td>
</tr>
<tr>
<td>6.</td>
<td>5</td>
<td>even</td>
<td>odd</td>
</tr>
<tr>
<td>7.</td>
<td>13</td>
<td>even</td>
<td>odd</td>
</tr>
<tr>
<td>8.</td>
<td>12</td>
<td>even</td>
<td>odd</td>
</tr>
</tbody>
</table>

**Solve.**

9. Owen counted by 5s: 5, 10, 15, 20, 25, 30. He says they are all odd numbers. Is he right?
   
   ____

10. Lauren counted by 2s: 2, 4, 6, 8, 10. She says they are all even numbers. Is she right?
    
    ____
Skills Practice

Compare and Order Length

Compare.

1. The caterpillar is _______ than the quarter.
   shorter longer

2. The fork is _______ than the knife.
   shorter longer

3. The salt shaker is _______ than the spoon.
   shorter longer

Solve.

4. What words could you use to compare these objects?
Skills Practice

Estimate how many 📦 long.

Then use 📦 to measure.

1. Estimate: about ____ 📦 long
   Measure: about ____ 📦 long

2. Estimate: about ____ 📦 long
   Measure: about ____ 📦 long

3. Estimate: about ____ 📦 long
   Measure: about ____ 📦 long

Solve.

4. Which problem had the longest comb? ____
5. Which problem had the shortest comb? ____
Skills Practice

Problem-Solving Strategy: Guess and Check

About how many paper clips long is each item? Guess. Then measure.

1.

Guess: about _____ paper clips
Measure: about _____ paper clips

2.

Guess: about _____ paper clips
Measure: about _____ paper clips

3.

Guess: about _____ paper clips
Measure: about _____ paper clips
Compare. Circle the object.

1. Which is heavier?

![jacket]

![table]

2. Which is lighter?

![glass]

![tv]

3. Which is lightest?

![cell phone]

![picture]

![tv]

4. Which is heaviest?

![table]

![glass]

![picture]
Circle the object that holds the most.

1.

Circle the object that holds the least.

3.

Solve.

5. Laurel has a small purse. Clay has a large backpack. Which holds more?

6. Kay’s mother has a car with no backseat. Tim’s mother has a van. Which one can hold more?
Order the objects. Write 1 for cold, 2 for colder, and 3 for coldest.

1. 

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</table>

Order the objects. Write 1 for hot, 2 for hotter, and 3 for hottest.

2. 

<p>| | | |</p>
<table>
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<tbody>
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</tbody>
</table>

Look at the object. Circle your answer.

3. 

<p>| |</p>
<table>
<thead>
<tr>
<th></th>
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</thead>
</table>

hot cold

4. 

<p>| |</p>
<table>
<thead>
<tr>
<th></th>
</tr>
</thead>
</table>

hot cold
Choose a strategy.

Solve.

1. Les has a box of mints. Each box has 10 mints. Cal, Bessie, and Ray each have a box. How many mints in all?
   ____ mints

2. Amy lines up some beans. 10 beans are as long as a pencil. She adds 20 more beans. How long is the line now?
   ____ pencils

3. Mel, Chris, and Shen have bikes. Mel’s bike is 12 pounds. Chris’s bike is 14 pounds. Shen’s is 11 pounds. Who has the lightest bike?
   ____ has the lightest bike.
Circle the shape that would cover more area.

1. 

2. 

Draw an X on the shape that would cover less area.

3. 

4. 

Read the question. Circle your answer.

5. The covers _____ area than the .

   more less
Order the shapes from covers the most to covers the least area. Write 1, 2, or 3.

1. 2 1 3

2. 

Order the shapes from covers the least to covers the most area. Write 1, 2, or 3.

3. 

4. 

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Skills Practice

Doubles

Draw marbles to show the doubles. Write the addends and the sums.

1. \[4 + 4 = 8\]

2. \[
\begin{array}{c}
\phantom{0} \\
\phantom{0}
\end{array}
\] + \[
\begin{array}{c}
\phantom{0} \\
\phantom{0}
\end{array}
\] = \[
\begin{array}{c}
\phantom{0} \\
\phantom{0}
\end{array}
\]

3. \[
\begin{array}{c}
\phantom{0} \\
\phantom{0}
\end{array}
\] + \[
\begin{array}{c}
\phantom{0} \\
\phantom{0}
\end{array}
\] = \[
\begin{array}{c}
\phantom{0} \\
\phantom{0}
\end{array}
\]

4. \[
\begin{array}{c}
\phantom{0} \\
\phantom{0}
\end{array}
\] + \[
\begin{array}{c}
\phantom{0} \\
\phantom{0}
\end{array}
\] = \[
\begin{array}{c}
\phantom{0} \\
\phantom{0}
\end{array}
\]

Add.

5. \[6 + 6 = \]

6. \[5 + 5 = \]

7. \[8 + 8 = \]

8. \[3 + 3 = \]

9. \[2 + 2 = \]

Solve. Show your work.

10. Bill has 9 marbles. Wally has same number. How many marbles do they have in all?

\[
\begin{array}{c}
\phantom{0} \\
\phantom{0}
\end{array}
\] + \[
\begin{array}{c}
\phantom{0} \\
\phantom{0}
\end{array}
\] = \[
\begin{array}{c}
\phantom{0} \\
\phantom{0}
\end{array}
\] marbles
Skills Practice

Doubles Plus 1

Use to find the sums. Circle the doubles facts.

1. \(2 + 2 = \)  \(5 + 5 = \)  \(2 + 3 = \)

2. \(5 + 4 = \)  \(4 + 4 = \)  \(3 + 3 = \)

3. \(6 + 7 = \)  \(7 + 7 = \)  \(6 + 6 = \)

4. \(4 + 5 = \)  \(7 + 6 = \)  \(3 + 2 = \)

5. \(\begin{align*}8 + 8 & = \\ 8 + 7 & = \\ 8 + 8 & = \end{align*}\)

6. \(\begin{align*}9 + 9 & = \\ 9 + 8 & = \\ 9 + 9 & = \end{align*}\)

Solve. Show your work.

Write a doubles plus 1 fact to solve. What doubles fact can help you?

7. Ann has 6 rubber bands. Geri has 7. How many rubber bands do they have in all?

\(6 + 7 = \) \(\) rubber bands

\(\) \(\) + \(\) = 12
Skills Practice

Make 10 to Add

Use WorkMat 1 and □ □. Then add.

1. 9 + 4 = _____
2. 7 + 5 = _____  3. 9 + 7 = _____  4. 8 + 4 = _____
5. 6 + 7 = _____  6. 8 + 6 = _____  7. 7 + 8 = _____
8.  7 + 4  9.  9 + 6  10.  8 + 8  11.  9 + 5  12.  7 + 6

Solve. Use WorkMat 1 and □ □.

13. 9 + 8 is the same as 10 + _____.
14. 7 + 7 is the same as 10 + _____.
15. 8 + 5 is the same as 10 + _____.
16. 9 + 9 is the same as 10 + _____.
Skills Practice

Problem-Solving Strategy: Draw a Picture

Draw a picture to solve.

1. 13 moths land on the light. Then 8 fly away. How many moths are left?

Draw your picture here.

_____ moths

2. 6 butterflies are in the garden. 5 more butterflies join them. How many butterflies are there now?

_____ butterflies

3. 15 crickets chirp at night. 8 crickets stop chirping. How many crickets keep chirping?

_____ crickets
1. $4 + 4 = \underline{8}$
2. $2 - 1 = \underline{1}$
3. $7 + 7 = \underline{14}$
4. $14 - 7 = \underline{7}$
5. $2 + 2 = \underline{4}$
6. $8 - 4 = \underline{4}$
7. $1 + 1 = \underline{2}$
8. $4 - 2 = \underline{2}$
9. $5 + 5 = \underline{10}$
10. $6 - 3 = \underline{3}$
11. $9 + 9 = \underline{18}$
12. $16 - 8 = \underline{8}$
13. $3 + 3 = \underline{6}$
14. $12 - 6 = \underline{6}$
15. $8 + 8 = \underline{16}$
16. $10 - 5 = \underline{5}$
17. $6 + 6 = \underline{12}$
18. $18 - 9 = \underline{9}$

Add or subtract. Then draw a line to match the related facts.
Skills Practice
Relate Addition and Subtraction

Add. Then write the related subtraction facts.

1. $9 + 6 = 15$

2. $4 + 8 = ____$

3. $7 + 9 = ____$

4. $8 + 5 = ____$

5. $8 + 3 = ____$

6. $9 + 5 = ____$

7. $9 + 4 = ____$

8. $8 + 6 = ____$
10-7

Skills Practice

Problem-Solving Investigation: Choose a Strategy

Choose a strategy. Solve.

Problem-Solving Strategies
• Choose the operation
• Draw a picture
• Write a number sentence

Show your work here.

1. 13 students are on the basketball team. 4 fewer students are on the volleyball team. How many students are on the volleyball team? _____ students

2. Stef has 8 pencils. Rich has 4 pencils. Todd has 2 pencils. How many total pencils do they have? _____ pencils

3. 20 students signed up for the Clean Up program. 6 students cleaned from 8:00 to 10:00. 4 students cleaned from 10:00 to 12:00. How many students cleaned? _____ students
Add and subtract. Complete each fact family.

1. \(6 + 9 = 15\)  \(15 - 6 = 9\)
   \(9 + 6 = \)  \(15 - 9 = \)

2. \(7 + 5 = \)  \(12 - 5 = \)
   \(5 + 7 = \)  \(12 - 7 = \)

3. \(9 + 5 = \)  \(14 - 5 = \)
   \(5 + 9 = \)  \(14 - 9 = \)

4. \(7 + 4 = \)  \(11 - 4 = \)
   \(4 + 7 = \)  \(11 - 7 = \)

5. \(6 + 7 = \)  \(13 - 7 = \)
   \(7 + 6 = \)  \(13 - 6 = \)

6. \(8 + 2 = \)  \(10 - 2 = \)
   \(2 + 8 = \)  \(10 - 8 = \)
Skills Practice
Ways to Name Numbers

Circle the ways to make that number.

1. 11
   \[9 + 2\] \[7 + 4\] \[10 - 1\] \[6 + 5\]

2. 5
   \[4 + 2\] \[7 - 2\] \[10 - 5\] \[9 - 4\]

3. 10
   \[7 + 3\] \[12 - 3\] \[4 + 6\] \[1 + 9\]

4. 7
   \[10 - 2\] \[9 - 2\] \[2 + 5\] \[0 + 7\]

5. 9
   \[16 - 7\] \[15 - 6\] \[13 - 4\] \[15 - 8\]

6. 8
   \[13 - 4\] \[15 - 7\] \[16 - 8\] \[14 - 6\]

7. 12
   \[4 + 8\] \[9 + 3\] \[7 + 5\] \[4 + 7\]

8. 6
   \[12 - 6\] \[11 - 5\] \[10 - 5\] \[13 - 7\]
Skills Practice

Pennies and Nickels

You can use ¢ and ¢. Count the coins. Write the total on the tag.

1. ______¢, ______¢, ______¢, ______¢, ______¢

2. ______¢, ______¢, ______¢, ______¢, ______¢

3. ______¢, ______¢, ______¢, ______¢, ______¢

Solve.

4. Mike buys a toy boat.
   He spends 3 nickels and 4 pennies.
   How much does the boat cost? ______¢

5. Mrs. Díaz buys a clock.
   She spends 4 nickels and 5 pennies.
   How much does the clock cost? ______¢
Skills Practice

Pennies and Dimes

Trade pennies for as many dimes as you can. Draw dimes and pennies. Use ₪ and ₪ to help.

<table>
<thead>
<tr>
<th>Pennies You Start With</th>
<th>Trade for Dimes</th>
<th>Leftover Pennies</th>
<th>Total Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>36 ₪</td>
<td></td>
<td></td>
<td>36 ₪</td>
</tr>
<tr>
<td>44 ₪</td>
<td></td>
<td></td>
<td>___ ₪</td>
</tr>
<tr>
<td>51 ₪</td>
<td></td>
<td></td>
<td>___ ₪</td>
</tr>
</tbody>
</table>

Solve.

4. Tina has 40 pennies. The machine only takes dimes. What trade should she make? _________
### Skills Practice

**Pennies, Nickels, and Dimes**

**Draw the coins you have. Count them.**

<table>
<thead>
<tr>
<th>Coins You Have</th>
<th>Draw Your Coins</th>
<th>How Much Money Do You Have?</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="1" alt="Penny" /></td>
<td><img src="5c" alt="Nickel" /> <img src="5c" alt="Nickel" /> <img src="5c" alt="Nickel" /> <img src="5c" alt="Nickel" /> <img src="1c" alt="Penny" /></td>
<td>26¢</td>
</tr>
<tr>
<td>3 <img src="5c" alt="Nickel" /></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 <img src="10c" alt="Dime" /></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. Draw the coins you have. Count them.

| 2.   | ![Nickel](5c) ![Dime](10c) ![Dime](10c) | ![Dime](10c) | ![Dime](10c) |
|      | ![Nickel](5c) ![Dime](10c) | ![Dime](10c) | ![Dime](10c) |
| 3.   | ![Nickel](5c) ![Dime](10c) ![Dime](10c) | ![Nickel](5c) ![Dime](10c) ![Dime](10c) | ![Dime](10c) |
| 4.   | ![Nickel](5c) ![Dime](10c) ![Dime](10c) | ![Dime](10c) | ![Dime](10c) |

### Solve.

5. Sara has 5 nickels.
   Emily has 3 dimes.
   Who has more money? ________

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Circle how much money you need. Use coins.

1. 29¢

2. 60¢

3. 33¢

Solve. Use coins to help.

4. Marc has 5 coins in his pocket. They add up to 36¢.
   How many dimes, nickels, and pennies does he have?
   _____ dimes _____ nickels _____ pennies
Name ________________________________

Skills Practice

Problem-Solving Strategy: Act It Out

Use coins to act out the problem. Solve.

1. Evan buys a for 17¢.
   He buys a for 10¢.
   How much money does Evan spend altogether?
   Evan spends ______ ¢.

2. Jane buys a for 15¢.
   She buys a for 20¢.
   How much money does Jane spend in all?
   Jane spends ______ ¢.

3. Frank buys a toy car for 32¢.
   Then he buys a ball for 20¢.
   How much money does Frank spend?
   Frank spends ______ ¢.

Skills Practice

Equal Amounts

Use coins. Show each amount a different way.

1. Show 25¢.
   ![Coin images]
   ![Coin images]
   ![Coin images]
   ![Coin images]

2. Show 40¢.
   ![Coin images]
   ![Coin images]
   ![Coin images]
   ![Coin images]

   ![Coin images]
   ![Coin images]
   ![Coin images]
   ![Coin images]

4. Show 17¢.
   ![Coin images]
   ![Coin images]
   ![Coin images]
   ![Coin images]
   ![Coin images]

Solve.

5. Jason has two dimes and a nickel.
   Luisa has one dime, a nickel, and five pennies.
   Do they have the same amount? _____
Skills Practice

Quarters

Count the coins. Write the price.

1. 53¢

2. _____ ¢

3. _____ ¢

4. _____ ¢

Solve.

5. Tani has 2 quarters, 1 dime, and 2 pennies. He says he has 67¢. Is he right? _____

6. Ms. Cruz needs a new pen. It costs 80¢. She has _____.

   Does she have enough? _____
   What coin does she need to buy the pen? _____
Choose a strategy. Solve.

1. Roy has 9 dimes. He spends 60¢.
   How many dimes does he have left? _____ dimes

2. Lisa has 14 pennies.
   She finds 25 pennies in the yard.
   She finds 8 pennies at school.
   How much money does she have? _____ ¢

3. Emil has 95¢. He gives 3 coins to his mom.
   Now he has 20¢. What 3 coins did he give?

4. Shelly goes to the store. She wants to buy a present. She has 3 quarters.
   How much money does Shelly have? _____ ¢

5. Can Shelly buy the horse? _____

Problem-Solving Strategies

- Act it out
- Use a model
- Guess and check
Skills Practice  
Money Amounts

Count the coins. Write the amount.

1. ![Image of coins totaling 62 cents]
   You have 62¢.
   Can you buy the object? yes

2. ![Image of coins totaling 75 cents]
   You have 75¢.
   Can you buy the object? yes

3. ![Image of coins totaling 42 cents]
   You have 42¢.
   Can you buy the object? yes

Solve.

4. Matt has 2 quarters, 1 dime, 3 nickels, and 2 pennies. Mittens cost 75¢.
   Does he have enough to buy the mittens? yes
Skills Practice
Three-Dimensional Figures

Color the figures.

cube  sphere  cone  pyramid  cylinder  rectangular prism

Solve.
Sort the objects into two groups. Circle each object in one group. Underline each object in the other group.
Skills Practice
Faces and Corners

Use three-dimensional figures to help. Write how many.

1. ☺
   ____ corners
   ____ faces

2. 🕵️
   ____ corners
   ____ faces

3. 📚
   ____ corners
   ____ faces

4. 📚
   ____ corners
   ____ faces

5. 🍃
   ____ corners
   ____ faces

6. 🍂
   ____ corner
   ____ face

Draw a picture to solve.

7. Jeff made a figure with 6 faces. The figure has 8 corners. All of the faces are the same size and shape. What figure did Jeff make?
   __________________
Skills Practice

Problem-Solving Strategy: Look for a Pattern

Look for a pattern to solve. Draw your answers.

1. Marcy draws a pattern with shapes. Which shape is missing?
   
   ⭐ □ □ ⭐ □ __

2. Nicole makes a pattern with her blocks. Which shape is missing?
   
   □ △ □ □ △ __

3. Toby draws a pattern with shapes. Which shape is missing?
   
   ⭐ △ ⬤ __ △ □
Skills Practice  
*Two- and Three-Dimensional Figures*

Use blocks or objects in your classroom. Trace all the flat faces you can. Write how many two-dimensional figures you traced. Write how many flat faces.

<table>
<thead>
<tr>
<th>FIGURE</th>
<th>square</th>
<th>circle</th>
<th>triangle</th>
<th>rectangle</th>
<th>flat faces</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>6</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>6</td>
</tr>
<tr>
<td>2.</td>
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<td>5.</td>
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</tr>
</tbody>
</table>

Color two-dimensional objects **red**.

Color three-dimensional objects **blue**.

![Diagram of various shapes including a circle, cylinder, triangle, rectangle, pyramid, cube, and sphere.]
1. Draw a robot. Use at least one □, one ○, one △, and one △.

2. Color all □ orange.

3. Color all ○ blue.

4. Color all △ red.

5. Color all □ brown.

Solve.

6. Jay is drawing the faces of a cube. Will he draw more than one kind of shape? Explain. ____________________________
Choose a strategy. Solve.

Problem-Solving Investigation: Choose a Strategy

Choose a strategy. Solve.

Problem-Solving Strategies

- Find a pattern
- Use logical reasoning
- Draw a picture

1. Sofia looks at a postcard. The postcard has 4 corners. Its sides are not the same length. She says her postcard is a rectangle. Is she right?

________________________________________

2. Dave draws patterns. He draws a cube, a square, a rectangle, a cube, and a square. What will the 8th shape be?

________________________________________

3. Earl camps. His tent has 4 faces that are triangles. He says the floor of his tent is a circle. Is he right?

________________________________________
Skills Practice

Make New Figures

Use pattern blocks to make a new figure.
Draw the new figure.

<table>
<thead>
<tr>
<th>Pattern Block</th>
<th>Use</th>
<th>Draw Your Figure</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td><img src="image1" alt="Pattern Block 1" /></td>
<td><img src="image2" alt="Draw Your Figure 1" /></td>
</tr>
<tr>
<td>2.</td>
<td><img src="image3" alt="Pattern Block 2" /></td>
<td><img src="image4" alt="Draw Your Figure 2" /></td>
</tr>
<tr>
<td>3.</td>
<td><img src="image5" alt="Pattern Block 3" /></td>
<td><img src="image6" alt="Draw Your Figure 3" /></td>
</tr>
</tbody>
</table>
Position words tell where objects are.

Draw here or on another sheet of paper.

1. going up
2. going down
3. below
4. near
5. left of
6. right of
Skills Practice

Give and Follow Directions

Start at 0. Follow the directions. Draw the object.

1. Go right 3, then up 1. Draw a 🏡.
2. Go right 5, then up 4. Draw a 🚗.
3. Go right 1, then up 3. Draw a 🐶.
4. Go right 4, then up 5. Draw a 🏡.
Skills Practice
Tens

Count groups of ten. Write the number.

1. 

   tens

   thirty

2. 

   tens

   forty

3. 

   tens

   sixty

Write your answers.

4. Gwen has 5 vases with 10 flowers in each vase. How many groups of ten does she have? _____
   How many flowers are there in all? _____ flowers

5. Mark, Juan, Carla, and Ben each have 10 marbles. How many groups of ten are there? _____
   How many marbles do they have in all? _____
   Carla goes home and takes her marbles with her. How many marbles are there now? _____ marbles
**Skills Practice**  
*Tens and Ones*

Use 📚. Make groups of tens and ones.  
Write how many.

1. **26** twenty-six  
   ____ ones  
   ____ tens ____ ones

2. **31** thirty-one  
   ____ ones  
   ____ tens ____ one

3. **22** twenty-two  
   ____ ones  
   ____ tens ____ ones

4. **13** thirteen  
   ____ ones  
   ____ ten ____ ones

Write your answer.

5. How can you use tens and ones to show that 23 is different than 32? ________________
   __________________________________________________________

6. Pat is thinking of a number.  
   It has 5 tens and 4 ones.  
   What is the number? ____
Skills Practice

Problem-Solving Strategy: Guess and Check

Use guess and check to solve.

1. Greg has 13 cents. He says he can give the same amount of money to 3 friends. Is he right? Show how you know.

2. Sue Ellen is planning a trip. She wants to visit 8 places in 16 days. She wants to spend the same number of days at each place. How many days can she visit each place?

3. Ron is at a parade. He sees 30 people in each band. He sees 3 bands. How many people does Ron see?

4. Ms. White has 4 shelves. She has 9 plates on each shelf. How many total plates does Ms. White have?
## Skills Practice

**Numbers to 50**

**Write how many tens and ones.**

**Say and write the number.**

<table>
<thead>
<tr>
<th></th>
<th>tens</th>
<th>ones</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td><img src="image1.png" alt="blocks" /></td>
<td><img src="image2.png" alt="blocks" /></td>
</tr>
<tr>
<td>2.</td>
<td><img src="image3.png" alt="blocks" /></td>
<td><img src="image4.png" alt="blocks" /></td>
</tr>
<tr>
<td>3.</td>
<td><img src="image5.png" alt="blocks" /></td>
<td><img src="image6.png" alt="blocks" /></td>
</tr>
<tr>
<td>4.</td>
<td><img src="image7.png" alt="blocks" /></td>
<td><img src="image8.png" alt="blocks" /></td>
</tr>
<tr>
<td>5.</td>
<td><img src="image9.png" alt="blocks" /></td>
<td><img src="image10.png" alt="blocks" /></td>
</tr>
<tr>
<td>6.</td>
<td><img src="image11.png" alt="blocks" /></td>
<td><img src="image12.png" alt="blocks" /></td>
</tr>
</tbody>
</table>

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- **1.** <br> ____ tens  ____ ones <br> ____ twenty-two
- **2.** <br> ____ tens  ____ ones <br> ____ fifty
- **3.** <br> ____ tens  ____ ones <br> ____ forty-six
- **4.** <br> ____ tens  ____ ones <br> ____ thirty-four
- **5.** <br> ____ tens  ____ ones <br> ____ seventeen
- **6.** <br> ____ tens  ____ ones <br> ____ sixty-nine
Skills Practice

Numbers to 100

Write the number two different ways.

1. tens  ones  
   ____ tens  ____ ones  
   ____  fifty-four

2. tens  ones  
   ____ tens  ____ ones  
   ____  ninety-three

3. tens  ones  
   ____ tens  ____ ones  
   ____  seventy
Skills Practice

Estimate Numbers

Count groups of ten. Estimate. Then count.

1. Estimate: _____  
   Count: _____

2. Estimate: _____  
   Count: _____

3. Estimate: _____  
   Count: _____

Solve.

4. Chet has 10 baseball cards. Marisa has 10 baseball cards. Max has 8 baseball cards.
   Estimate how many baseball cards they have. _________
   Write the exact number. _________
Choose a strategy.
Solve.

1. Lee and Joelle each have 10 books. Ryan has 4 books. How many books do they have altogether?

____ books

2. Trey has 40 crayons. He shares them with 3 friends. How many crayons will Trey and his friends get?

____ crayons

3. Hope has 4 bowls with 2 fish in each bowl. How many fish does she have?

____ fish
Skills Practice

Compare Numbers to 100

Write >, <, or =.

1. 72  =  72
2. 63  <  76
3. 39  <  40
4. 43  >  34
5. 86  <  88
6. 17  =  18
7. 54  <  45
8. 82  =  82
9. 100  >  98
10. 74  >  94

Circle your answer.

11. Which is true about 6 tens and 5 ones?
    The amount is greater than 68.
    The amount is equal to 56.
    The amount is less than 66.

12. Which is true about 3 tens and 7 ones?
    The amount is greater than 35.
    The amount is equal to 39.
    The amount is less than 28.
Write the number that comes just *before* and just *after*.

1. _____, 38, _____
2. _____, 46, _____
3. _____, 40, _____
4. _____, 64, _____
5. _____, 69, _____
6. _____, 76, _____
7. _____, 71, _____
8. _____, 27, _____
9. _____, 53, _____
10. _____, 67, _____
11. _____, 90, _____
12. _____, 33, _____

Write the number that is between.

13. 19, _____, 21
14. 59, _____, 61
15. 80, _____, 82
16. 48, _____, 50

Solve.

17. Jim wants the number *after* 29 on his shirt. Write the number on Jim’s shirt.
Skills Practice

Equal Parts

Look at the shapes. Circle the picture that shows equal parts.

1. 

2. 

3. 

4. 

5.
Skills Practice

Problem-Solving Strategy: Draw a Picture

Draw a picture to solve.

1. Meg has an orange. She wants to share it with her friend. How many equal parts should she cut?
   _____ parts

2. Kevin has a banana. He wants to share it with his 4 friends at lunch. How many equal parts should he cut?
   _____ parts

3. Mr. Stevens has a small pizza. He wants to share it with his wife, his mother, and his 2 sons. How many equal parts should he cut?
   _____ parts
Skills Practice

One Half

Color $\frac{1}{2}$ of each shape.

1. 
2. 
3. 
4. 
5. 
6.
Skills Practice
One Third and One Fourth

Color 1 equal part.
Circle the fraction.

1. \[
\frac{1}{2} \quad \frac{1}{3} \quad \frac{1}{4}
\]

2. \[
\frac{1}{2} \quad \frac{1}{3} \quad \frac{1}{4}
\]

3. \[
\frac{1}{2} \quad \frac{1}{3} \quad \frac{1}{4}
\]

4. \[
\frac{1}{2} \quad \frac{1}{3} \quad \frac{1}{4}
\]

5. \[
\frac{1}{2} \quad \frac{1}{3} \quad \frac{1}{4}
\]

6. \[
\frac{1}{2} \quad \frac{1}{3} \quad \frac{1}{4}
\]
Circle how many parts are shaded.

1. \[\frac{1}{2} \quad \frac{1}{3} \quad \frac{1}{4}\]

2. \[\frac{1}{2} \quad \frac{1}{3} \quad \frac{1}{4}\]

3. \[\frac{1}{4} \quad \frac{2}{4} \quad \frac{3}{4}\]

4. \[\frac{1}{3} \quad \frac{2}{3} \quad \frac{3}{3}\]

Color to show the fraction.

5. \[\frac{1}{4}\]

6. \[\frac{2}{3}\]
Fill in the blanks to complete the sentences.

1. 

\[
\begin{array}{cccc}
\text{fish} & \text{fish} & \text{fish} & \text{fish} \\
\end{array}
\]

_____ out of _____ are shaded.

2. 

\[
\begin{array}{cccc}
\text{whale} & \text{whale} & \text{whale} & \text{whale} & \text{whale} \\
\end{array}
\]

_____ out of _____ are shaded.

3. 

\[
\begin{array}{cccc}
\text{starfish} & \text{starfish} & \text{starfish} & \text{starfish} & \text{starfish} \\
\end{array}
\]

_____ out of _____ are shaded.

4. 

\[
\begin{array}{cc}
\text{bird} & \text{bird} \\
\end{array}
\]

_____ out of _____ are shaded.

5. 

\[
\begin{array}{cccccccc}
\text{shell} & \text{shell} & \text{shell} & \text{shell} & \text{shell} & \text{shell} & \text{shell} & \text{shell} \\
\end{array}
\]

_____ out of _____ are shaded.
Choose a strategy to solve.

1. Lulu wants to split a sheet of paper 4 ways. Which picture shows how she can split the paper 4 ways equally?

2. Mr. Hill wants to split a small melon 3 ways. Which picture shows how he can split the melon 3 ways equally?

3. Chito wants to share a sub sandwich with 5 friends. Which picture shows how all 6 friends can equally share a sub sandwich?

Problem-Solving Strategies
- Guess and check
- Use logical reasoning
- Draw a picture
Skills Practice
Add and Subtract Tens

Add or subtract. Use _______ to help.

1. 7 tens − 3 tens = _____ tens
   70 − 30 = _____

2. 6 tens − 1 ten = _____ tens
   60 − 10 = _____

3. 4 tens + 2 tens = _____ tens
   40 + 20 = _____

4. 4 tens + 3 tens = _____ tens
   40 + 30 = _____

5. 9 tens − 3 tens = _____ tens
   90 − 30 = _____

6. 7 tens + 1 ten = _____ tens
   70 + 10 = _____

Solve.

7. What is 4 tens from 7 tens? _____ − _____ = _____

8. What is 3 tens and 5 tens? _____ + _____ = _____

9. What is 2 tens and 2 tens? _____ + _____ = _____

10. What is 1 ten from 7 tens? _____ − _____ = _____

11. What is 4 tens from 6 tens? _____ − _____ = _____

12. What is 4 tens and 3 tens? _____ + _____ = _____
Skills Practice
Add with Two-Digit Numbers

Use WorkMat 7 and ■ and □□□□□□□□. Add.

1. tens ones
   3 7 +
   2

2. tens ones
   4 4 +
   3

3. tens ones
   6 1 +
   5

4. tens ones
   5 2 +
   6

5. tens ones
   7 6 +
   1

6. tens ones
   2 1 +
   7

Solve.

7. Bob has 33 stamps. He finds 2 more. How many stamps are there?______ stamps

8. Start at 26. Count on 2. What is the number?_____
Skills Practice

Problem-Solving Strategy: Guess and Check

Guess and check to solve.

1. Mike has 2 toy boxes. He has 29 toys. About how many toys are in each box? Circle your guess. Then check.
   About: 5  10  15

   Check: ____________ . Was your guess close? ___

2. Todd sees 2 kinds of things outside. He sees 15 things in all. Which 2 things does he see? Circle your guess. Then check.

   Check: ____________ . Was your guess right? ___

3. Ella did 2 chores for her mom. She worked for 35 minutes. Which 2 chores did she do? Circle your guess. Then check.

   Check: ____________ . Was your guess right? ___

4. Make this number sentence correct. Put in the signs.
   \[ 32 \bigcirc 25 \bigcirc 7 = 0 \]
Skills Practice
Add Two-Digit Numbers

Use WorkMat 7 and [ ] and [ ] . Add.

1. 
\[
\begin{array}{c|c}
\text{tens} & \text{ones} \\
3 & 7 \\
1 & 2 \\
\hline
\end{array}
\]

2. 
\[
\begin{array}{c|c}
\text{tens} & \text{ones} \\
5 & 0 \\
3 & 3 \\
\hline
\end{array}
\]

3. 
\[
\begin{array}{c|c}
\text{tens} & \text{ones} \\
1 & 7 \\
6 & 2 \\
\hline
\end{array}
\]

4. 
\[
\begin{array}{c|c}
\text{tens} & \text{ones} \\
3 & 5 \\
2 & 3 \\
\hline
\end{array}
\]

5. 
\[
\begin{array}{c|c}
\text{tens} & \text{ones} \\
7 & 7 \\
2 & 2 \\
\hline
\end{array}
\]

6. 
\[
\begin{array}{c|c}
\text{tens} & \text{ones} \\
3 & 4 \\
1 & 5 \\
\hline
\end{array}
\]

Solve.

7. Lu counts 51 cents in her pocket. She finds 26 more. How many cents does she have now?

8. The letter carrier brings mail to 13 houses each day. How many houses does he visit in 2 days?
Name _____________________________

15-5

Skills Practice

Estimate Sums

Round to the nearest ten. Then add. Use the number lines to help.

1. 47 + 29
   47 rounds to _____
   29 rounds to _____
   _____ + _____ = _____

2. 22 + 13
   22 rounds to _____
   13 rounds to _____
   _____ + _____ = _____

3. 24 + 28
   _____ + _____ = _____

4. 39 + 17
   _____ + _____ = _____

5. 33 + 11
   _____ + _____ = _____

6. 31 + 42
   _____ + _____ = _____

Solve.

7. Lee had 21 stickers. She gets 11 more. About how many does she have now?
   _____ + _____ = _____ She has about _____ stickers.

8. Tom had 62 marbles. His sister gives him 25 more. About how many marbles does he have now?
   _____ + _____ = _____ He has about _____ marbles.
Skills Practice
Subtract with Two-Digit Numbers

Use WorkMat 7 and □ and [underline]. Subtract.

1. 
   
   tens  |  ones  
   --   | ------ 
   2    |   6    
   -    |        
   1    |   5    

2. 
   
   tens  |  ones  
   --   | ------ 
   4    |   9    
   -    |        
   4    |   6    

3. 
   
   tens  |  ones  
   --   | ------ 
   1    |   8    
   -    |        
   1    |   3    

4. 
   
   tens  |  ones  
   --   | ------ 
   4    |   2    
   -    |        
   3    |   1    

5. 
   
   tens  |  ones  
   --   | ------ 
   7    |   7    
   -    |        
   4    |   5    

6. 
   
   tens  |  ones  
   --   | ------ 
   3    |   5    
   -    |        
   2    |   2    

Solve.

7. Ann has 28 paper dolls. She gives 6 to her friends. How many does she have now? _____ paper dolls

**Skills Practice**

*Subtract Two-Digit Numbers*

Use WorkMat 7 and \( \square \) and \( \square \). Subtract.

<table>
<thead>
<tr>
<th></th>
<th>tens</th>
<th>ones</th>
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<tbody>
<tr>
<td>1</td>
<td>5</td>
<td>7</td>
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<td>3</td>
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</tbody>
</table>

**Solve.**

7. Jeff bought 38 cherries. He gave 23 to his dad. How many cherries are left? _____ cherries

8. Marge counted 59 leaves on a tree. She counts 31 the next day. How many leaves fell off the tree? _____ leaves
Skills Practice

Problem-Solving Investigation: Choose a Strategy

Choose a strategy and solve.

Problem Solving Strategies
• Guess and check
• Choose the operation
• Make a table

1. Lin plants 12 seeds. Dee plants 34 seeds. How many seeds do they plant?
   ______ seeds

2. Raul has 10 toy cars. He gets a set of 30 cars for his birthday. How many cars does he have now?
   ______ cars

3. Lita sees two kinds of objects on her trip. She sees 39 in all. Which two objects does she see?
   Circle your answer.
   ______ homes

4. The letter carrier brings mail to 20 homes on Lee Street. He brings mail to 10 homes on Main Street. How many homes is that?
   ______ homes

5. Jen’s block has 48 trees. Sam’s block has 23 trees. How many more trees are on Jen’s block?
   ______ trees

6. Lou has 16 shirts. Greg has 11 shirts. About how many shirts do they have? Round to the nearest ten.
   About ______ shirts
Skills Practice

Estimate Differences

Round to the nearest ten. Then subtract. Use the number lines to help.

1. $39 - 32$
   - 39 rounds to ____
   - 32 rounds to ____
   - ____ – ____ = ____

2. $48 - 24$
   - 48 rounds to ____
   - 24 rounds to ____
   - ____ – ____ = ____

3. $47 - 28$
   - ____ – ____ = ____

4. $49 - 17$
   - ____ – ____ = ____

5. $38 - 21$
   - ____ – ____ = ____

6. $43 - 14$
   - ____ – ____ = ____

Solve.

7. Lily has 57 marbles. Her brother has 22 marbles. About how many more marbles does Lily have?
   - ____ – ____ = ____
   - She has about ____ more marbles.