Fairfield Public Schools

SUMMER

Math Packet

For

Students Entering Second Grade
### Cubes on a Line

1. Count the cubes in each group below. Write the number on the line.

<p>| | | | | |</p>
<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>a</td>
<td></td>
<td></td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>b</td>
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<td>c</td>
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<tr>
<td>g</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>h</td>
<td></td>
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</tr>
</tbody>
</table>

2. Fill in the missing numbers on the number line. Use the numbers above to help you.

<p>| | | | | |</p>
<table>
<thead>
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</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>5</td>
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<tr>
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<td></td>
<td></td>
<td>15</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>40</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>
Determining Differences on a Number Line

**Example** A Gentoo Penguin is about 30 inches tall. An Emperor Penguin is 45 inches tall. Here are some hops along the number line to show the difference between their heights.

![Number Line Diagram]

1. King Penguins weigh about 30 pounds. Emperor Penguins weigh about 65 pounds. Take some hops along the number line to find the difference between their weights. Show your hops as you go.

2. Rockhopper Penguins weigh about 6 pounds. King Penguins weigh about 30 pounds. Take some hops along the number line to find the difference between their weights. Show your hops as you go.

3. A Rockhopper Penguin is about 18 inches tall. A King Penguin is about 36 inches tall. Take some hops along the number line to find the difference between their heights. Show your hops as you go.
Sums & Differences to Ten

1. Solve each addition problem below.
   
   \[
   \begin{align*}
   3 + \underline{\phantom{0}} &= 10 \\
   6 + \underline{\phantom{0}} &= 10 \\
   2 + \underline{\phantom{0}} &= 10 \\
   8 + \underline{\phantom{0}} &= 10 \\
   0 + \underline{\phantom{0}} &= 10 \\
   5 + \underline{\phantom{0}} &= 10 \\
   9 + \underline{\phantom{0}} &= 10 \\
   1 + \underline{\phantom{0}} &= 10 \\
   7 + \underline{\phantom{0}} &= 10 \\
   4 + \underline{\phantom{0}} &= 10 \\
   10 + \underline{\phantom{0}} &= 10 \\
   6 + \underline{\phantom{0}} &= 10 \\
   2 + 3 + \underline{\phantom{0}} &= 10 \\
   4 + 5 + \underline{\phantom{0}} &= 10 \\
   4 + \underline{\phantom{0}} + 2 &= 10
   \end{align*}
   \]

2. Solve each subtraction problem below.
   
   \[
   \begin{align*}
   10 - 4 &= \underline{\phantom{0}} \\
   10 - 2 &= \underline{\phantom{0}} \\
   10 - 1 &= \underline{\phantom{0}} \\
   10 - 3 &= \underline{\phantom{0}} \\
   10 - 6 &= \underline{\phantom{0}} \\
   10 - 5 &= \underline{\phantom{0}} \\
   10 - 10 &= \underline{\phantom{0}} \\
   10 - 8 &= \underline{\phantom{0}} \\
   10 - 7 &= \underline{\phantom{0}} \\
   10 - 9 &= \underline{\phantom{0}} \\
   10 - 0 &= \underline{\phantom{0}} \\
   10 - 3 &= \underline{\phantom{0}} \\
   10 - \underline{\phantom{0}} &= 8 \\
   10 - \underline{\phantom{0}} &= 1 \\
   10 - \underline{\phantom{0}} &= 3 \\
   10 - \underline{\phantom{0}} &= 5 \\
   10 - \underline{\phantom{0}} &= 4 \\
   10 - \underline{\phantom{0}} &= 10
   \end{align*}
   \]
Hungry Shark Subtraction

1 Solve each problem.

\[
\begin{array}{ll}
9 - 3 &= \boxed{} \\
9 - 5 &= \boxed{} \\
9 - 4 &= \boxed{} \\
9 - 1 &= \boxed{} \\
9 - 0 &= \boxed{}
\end{array}
\]

\[
\begin{array}{ll}
9 - 8 &= \boxed{} \\
9 - 2 &= \boxed{} \\
9 - 6 &= \boxed{} \\
9 - 7 &= \boxed{} \\
9 - 9 &= \boxed{}
\end{array}
\]
Ladybug & Spider Legs

1 There were two ladybugs 🐜 and one spider 🕷️ in the garden. How many legs?

There are _______ legs.

2 18 legs, how many ladybugs? 🐜

There are _______ ladybugs.
Ladybugs in the Grass

6 ladybugs are in the grass; half as many are hiding behind the rock. How many are hiding behind the rock? How many ladybugs altogether?

1 Use pictures, numbers and words to show how you solve the problem:

There are _______ ladybugs hiding behind the rock.
There are _______ ladybugs altogether.
More Bug Problems

1 7 ladybugs 7 spiders 2 beetles.
How many bugs in all?

There are ______ bugs in all.

2 7 ladybugs, 8 beetles. How many antennae?

There are ______ antennae.
**Fact Families 6’s**

1. Trace the word and write it again 4 times.
   
   6 six six

2. Fill in the answers for each of the problems.
   
   **a** Add.
   
   \[
   \begin{align*}
   3 + 3 &= \underline{} \\
   2 + 4 &= \underline{} \\
   1 + 5 &= \underline{} \\
   0 + 6 &= \underline{} \\
   4 + 2 &= \underline{} \\
   5 + 1 &= \underline{} \\
   3 + \underline{} &= 6 \\
   5 + \underline{} &= 6 \\
   4 + \underline{} &= 6 \\
   \end{align*}
   \]

   **b** Subtract.
   
   \[
   \begin{align*}
   6 - 3 &= \underline{} \\
   6 - 4 &= \underline{} \\
   6 - 0 &= \underline{} \\
   6 - 2 &= \underline{} \\
   6 - 5 &= \underline{} \\
   6 - 1 &= \underline{} \\
   6 - \underline{} &= 3 \\
   6 - \underline{} &= 1 \\
   6 - \underline{} &= 4 \\
   \end{align*}
   \]

**CHALLENGE**

3. Fill in the missing numbers in the equations below.

   \[
   \begin{align*}
   30 + 30 &= \underline{} \\
   20 + 40 &= \underline{} \\
   50 + \underline{} &= 60 \\
   10 + \underline{} &= 60 \\
   30 + \underline{} &= 60 \\
   40 + \underline{} &= 60 \\
   20 + \underline{} + 20 &= 60 \\
   40 + \underline{} + 10 &= 60 \\
   40 + 0 + \underline{} &= 60 \\
   30 + 10 + \underline{} &= 60 \\
   10 + 20 + \underline{} &= 60 \\
   50 + 10 + \underline{} &= 60 \\
   \end{align*}
   \]
Adding & Subtracting Tens on the Hundreds Grid

Use the Hundreds Grid to help you find the sum or difference of each of the problems below:

1 Add.
   \[ 63 + 10 = \ldots \quad 17 + 10 = \ldots \quad 36 + 10 = \ldots \]
   \[ 10 + 25 = \ldots \quad 74 + 10 = \ldots \quad 10 + 38 = \ldots \]
   \[ 59 + 10 = \ldots \quad 10 + 82 = \ldots \quad 47 + 10 = \ldots \]

2 Subtract.
   \[ 41 - 10 = \ldots \quad 85 - 10 = \ldots \quad 25 - 10 = \ldots \]
   \[ 27 - 10 = \ldots \quad 52 - 10 = \ldots \quad 31 - 10 = \ldots \]
   \[ 55 - 10 = \ldots \quad 18 - 10 = \ldots \quad 96 - 10 = \ldots \]
Counting Coins

Use the information below to help solve the problems.

<table>
<thead>
<tr>
<th>Coin</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>dime</td>
<td>10 cents</td>
</tr>
<tr>
<td>nickel</td>
<td>5 cents</td>
</tr>
<tr>
<td>penny</td>
<td>1 cent</td>
</tr>
</tbody>
</table>

1. Write the value of the coins in each row.

<table>
<thead>
<tr>
<th>Row</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>a</td>
<td>40¢</td>
</tr>
<tr>
<td>b</td>
<td>¢</td>
</tr>
<tr>
<td>c</td>
<td>¢</td>
</tr>
<tr>
<td>d</td>
<td>¢</td>
</tr>
<tr>
<td>e</td>
<td>¢</td>
</tr>
<tr>
<td>f</td>
<td>¢</td>
</tr>
</tbody>
</table>
Bugs in the House Subtraction

1 Fill in the blank.

\[
\begin{array}{ccc}
6 - ____ &= 1 & 6 - ____ &= 2 & 6 - ____ &= 4 \\
6 - ____ &= 0 & 6 - ____ &= 6 & 6 - ____ &= 5 \\
____ - 4 &= 2 & ____ - 3 &= 3 & 6 - 1 &= ____ \\
6 - 4 &= ____ & 6 - 2 &= ____ & 6 - 5 &= ____ \\
\end{array}
\]

2 Solve the subtraction problems.

\[
\begin{array}{ccccccc}
5 & 4 & 1 & 3 & 5 & 2 & 3 \\
-2 & -2 & -1 & -0 & -1 & -2 & -2 \\
\hline
5 & 4 & 3 & 3 & 5 & 4 & 2 \\
-3 & -1 & -3 & -1 & -0 & -0 & -1 \\
\hline
1 & 4 & 5 & 2 & 5 & 4 & 0 \\
-0 & -3 & -4 & -0 & -5 & -4 & -0 \\
\end{array}
\]
**Crabs Have Ten Legs & Two Eyes**

Write the correct number word for each row. Write the number of legs and eyes in the boxes.

<table>
<thead>
<tr>
<th></th>
<th>Legs</th>
<th>Legs</th>
<th>Legs</th>
<th>Legs</th>
<th>Legs</th>
<th>Legs</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>5</td>
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<tr>
<td>2</td>
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<td></td>
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<td>1</td>
</tr>
<tr>
<td>6</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Fast Tens

1 Write the answer to each problem:

10 + 2 = _____ 10 + 5 = _____ 10 + 9 = _____
10 + 0 = _____ 10 + 7 = _____ 10 + 4 = _____
10 + 8 = _____ 10 + 1 = _____ 10 + 3 = _____
10 + 6 = _____ 3 + 10 = _____ 7 + 10 = _____
8 + 10 = _____ 5 + 10 = _____ 0 + 10 = _____
1 + 10 = _____ 9 + 10 = _____ 6 + 10 = _____
4 + 10 = _____ 2 + 10 = _____ 10 + 10 = _____

2 Fill in the missing numbers.

a Count by 1's.
10, 11, _____, 13, _____, _____, 16, 17, _____, _____, 20

b Count by 10's.
10, 20, _____, 40, _____, _____, 80, _____, 100

c Count by 5's.
5, 10, 15, _____, _____, 30, _____, 40, _____, _____, 55, _____, _____, 70

d Count backwards by 1's.
14, 13, _____, 11, _____, 9, 8, _____, _____, 5, _____, _____, 1

CHALLENGE

3 Fill in the missing numbers.

a Count by _____ 's.

b 3, 5, _____, 9, 11, _____, _____, 17, _____, _____, 23, _____, 27, _____, 31
Crab & Sea Star Problems

Use pictures, numbers, and words to show how you solve the problems.

1. There were 7 crabs 🦀 and 5 sea stars 🌟.

How many arms and legs altogether?

There are _________ arms and legs altogether.

2. There were 55 arms. How many sea stars?

There are _________ sea stars.
Two Kinds of Clocks

1. Draw lines between the clocks that show the same time.

2. Draw the hour hand and minute hand to match the times below each clock:

   a. 
   b. 
   c. 

   4:30  7:00  8:30
Make Ten Addition

1. Write an equation to match each ten frame.

   a. 
   
   $5 + 5 = 10$

   b. 
   
   c. 

   d. 
   
   e. 
   
   f. 

2. Solve each problem below.

   ______ + 6 = 10  
   ______ + 9 = 10  
   ______ + 7 = 10

   ______ + 8 = 10  
   ______ + 4 = 10  
   ______ + 5 = 10

   9 + ______ = 10  
   2 + ______ = 10  
   4 + ______ = 10

   5 + 4 + 1 = ______  
   7 + 2 + 1 = ______  
   1 + 2 + 3 + 4 = ______

   3 + 3 + ______ = 10  
   5 + 1 + ______ = 10  
   1 + 8 + ______ = 10
1 Fill in the empty box for each problem.

10 - [ ] = 3

8 - [ ] = 4

9 - 3 = [ ]

10 - [ ] = 5

[ ] - 6 = 2

9 - [ ] = 5

10 - [ ] = 4

[ ] - 2 = 6

9 - [ ] = 3

[ ] - 3 = 7

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Doubles & Neighbors

Color the ten-strips to match each addition problem. Solve each equation.

<table>
<thead>
<tr>
<th>Example</th>
<th>1</th>
<th>2</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Example" /></td>
<td><img src="image" alt="Problem 1" /></td>
<td><img src="image" alt="Problem 2" /></td>
<td><img src="image" alt="Problem 3" /></td>
</tr>
<tr>
<td>$7 + 7 = 14$</td>
<td>$7 + 8$</td>
<td>$8 + 8$</td>
<td>$9 + 8$</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
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<tr>
<td><img src="image" alt="Problem 4" /></td>
<td><img src="image" alt="Problem 5" /></td>
<td><img src="image" alt="Problem 6" /></td>
<td><img src="image" alt="Problem 7" /></td>
</tr>
<tr>
<td>$6 + 6$</td>
<td>$5 + 6$</td>
<td>$4 + 4$</td>
<td>$4 + 5$</td>
</tr>
</tbody>
</table>
Comparing Penguin Heights

Each square represents 1 inch.

1. Figure out how many inches tall each kind of penguin is. Write the number of inches on the line beside each penguin's name.

2. How much taller is the Emperor penguin than the Gentoo penguin? Show how you figured it out.

3. How much taller are you than the Gentoo penguin? Show how you figured it out.
Doubles & Halves  Addition & Subtraction

1 Add.

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

2 Subtract.

8 − 4 = _____  12 − 6 = _____  20 − 10 = _____
10 − 5 = _____  18 − 9 = _____  2 − 1 = _____
14 − 7 = _____  6 − 3 = _____  1 − 0 = _____
− 2 = _____  16 − 8 = _____  22 − 11 = _____

3 Add or subtract.

<table>
<thead>
<tr>
<th></th>
<th>+ 70</th>
<th>70</th>
<th>90</th>
<th>+ 60</th>
<th>60</th>
<th>200</th>
<th>+ 400</th>
<th>400</th>
<th>+ 300</th>
<th>300</th>
<th>+ 1,000</th>
<th>1,000</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>+ 90</td>
<td>90</td>
<td>90</td>
<td>+ 200</td>
<td>200</td>
<td>200</td>
<td>+ 400</td>
<td>400</td>
<td>+ 300</td>
<td>300</td>
<td>+ 1,000</td>
<td>1,000</td>
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</table>

<table>
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<tr>
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<th>120</th>
<th>120</th>
<th>180</th>
<th>180</th>
<th>140</th>
<th>140</th>
<th>600</th>
<th>600</th>
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<th>400</th>
<th>800</th>
<th>800</th>
<th>2,000</th>
<th>2,000</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>− 60</td>
<td>60</td>
<td>− 90</td>
<td>90</td>
<td>− 70</td>
<td>70</td>
<td>− 300</td>
<td>300</td>
<td>− 200</td>
<td>200</td>
<td>− 400</td>
<td>400</td>
<td>− 1,000</td>
<td>1,000</td>
</tr>
</tbody>
</table>
More Doubles & Neighbors Addition

1 Solve each doubles problem.

\[ 3 + 3 = \_\_\_\_ \quad 5 + 5 = \_\_\_\_ \quad 2 + 2 = \_\_\_\_ \]

\[ 4 + 4 = \_\_\_\_ \quad 1 + 1 = \_\_\_\_ \quad 0 + 0 = \_\_\_\_ \]

\[ 6 + 6 = \_\_\_\_ \quad 9 + 9 = \_\_\_\_ \quad 8 + 8 = \_\_\_\_ \]

\[ 7 + 7 = \_\_\_\_ \quad 10 + 10 = \_\_\_\_ \quad 4 + 4 = \_\_\_\_ \]

2 Solve each neighbors problem.

\[ 3 + 4 = \_\_\_\_ \quad 5 + 6 = \_\_\_\_ \quad 2 + 3 = \_\_\_\_ \]

\[ 4 + 5 = \_\_\_\_ \quad 1 + 2 = \_\_\_\_ \quad 0 + 1 = \_\_\_\_ \]

\[ 6 + 7 = \_\_\_\_ \quad 7 + 8 = \_\_\_\_ \quad 8 + 9 = \_\_\_\_ \]

3 Challenge

CHALLENGE

Solve each doubles or neighbors problem.

\[ 25 + 25 = \_\_\_\_ \quad 25 + 26 = \_\_\_\_ \quad 26 + 26 = \_\_\_\_ \]

\[ 26 + 27 = \_\_\_\_ \quad 27 + 27 = \_\_\_\_ \quad 27 + 28 = \_\_\_\_ \]

\[ \begin{array}{ccccccc}
40 & +40 & 20 & +20 & 50 & +50 & 30 & +30 & 60 & +60 & 70 & +70 & 100 & +100 \\
\end{array} \]

\[ \begin{array}{ccccccc}
30 & +40 & 20 & +30 & 40 & +50 & 50 & +60 & 60 & +70 & 200 & +300 & 400 & +500 \\
\end{array} \]
Penguin Subtraction

1. Find the difference for each problem below:

- 10 - 7
- 10 - 3
- 10 - 9
- 10 - 4
- 10 - 8
- 10 - 6
- 10 - 5
- 10 - 10
- 10 - 2
- 10 - 1
- 10 - 0
- 10 - 6

2. Fill in the missing number.

- _______ - 7 = 3
- _______ - 4 = 6
- _______ - 8 = 2
- 10 - _______ = 3
- 10 - _______ = 6
- 10 - _______ = 2
- 10 - _______ = 1
- 10 - _______ = 5
- 10 - _______ = 0
- 10 - _______ = 10
- 10 - _______ = 4
- 10 - _______ = 7
# Fast Nines & Fast Tens Addition

1. Solve each problem below:

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>a</td>
<td>b</td>
</tr>
<tr>
<td><img src="image1.png" alt="Tens" /></td>
<td><img src="image2.png" alt="Nines" /></td>
</tr>
<tr>
<td><img src="image3.png" alt="Points" /></td>
<td><img src="image4.png" alt="Points" /></td>
</tr>
<tr>
<td>10 + 4 = ____</td>
<td>9 + 4 = ____</td>
</tr>
</tbody>
</table>

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>c</td>
<td>d</td>
</tr>
<tr>
<td><img src="image5.png" alt="Tens" /></td>
<td><img src="image6.png" alt="Nines" /></td>
</tr>
<tr>
<td><img src="image7.png" alt="Points" /></td>
<td><img src="image8.png" alt="Points" /></td>
</tr>
<tr>
<td>10 + 6 = ____</td>
<td>9 + 6 = ____</td>
</tr>
</tbody>
</table>

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>e</td>
<td>f</td>
</tr>
<tr>
<td><img src="image9.png" alt="Tens" /></td>
<td><img src="image10.png" alt="Nines" /></td>
</tr>
<tr>
<td><img src="image11.png" alt="Points" /></td>
<td><img src="image12.png" alt="Points" /></td>
</tr>
<tr>
<td>10 + 8 = ____</td>
<td>9 + 8 = ____</td>
</tr>
</tbody>
</table>

2. Fill in the blank.

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>10 + 0 = ____</td>
<td>9 + 0 = ____</td>
</tr>
<tr>
<td>10 + 3 = ____</td>
<td>9 + 3 = ____</td>
</tr>
<tr>
<td>10 + 1 = ____</td>
<td>9 + 1 = ____</td>
</tr>
<tr>
<td>10 + 7 = ____</td>
<td>9 + 7 = ____</td>
</tr>
<tr>
<td>10 + 2 = ____</td>
<td>9 + 2 = ____</td>
</tr>
<tr>
<td>10 + 5 = ____</td>
<td>9 + 5 = ____</td>
</tr>
<tr>
<td>10 + 9 = ____</td>
<td>9 + 9 = ____</td>
</tr>
<tr>
<td>4 + 10 = ____</td>
<td>4 + 9 = ____</td>
</tr>
<tr>
<td>6 + 10 = ____</td>
<td>6 + 9 = ____</td>
</tr>
<tr>
<td>8 + 10 = ____</td>
<td>8 + 9 = ____</td>
</tr>
<tr>
<td>10 + ____ = 17</td>
<td>9 + ____ = 17</td>
</tr>
</tbody>
</table>
### Penguin Families

1. **How many penguins in each row?**

   - **one family**
   - **two families**
   - **three families**
   - **four families**
   - **five families**

### Counting by 3’s Numbers

<table>
<thead>
<tr>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
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</tr>
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<tbody>
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<td>44</td>
<td>46</td>
<td>47</td>
<td>49</td>
<td>50</td>
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</tbody>
</table>

2. **Fill in the counting by 3’s numbers:**

   - 22
   - 23
   - 25
   - 26
   - 28
   - 29
   - 31
   - 32
   - 34
   - 35
   - 37
   - 38
   - 40
   - 41
   - 43
   - 44
   - 46
   - 47
   - 49
   - 50
Skip Counting by 2’s

1a Fill in the missing numbers.

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<td>47</td>
<td>48</td>
<td>49</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

b Write the missing numbers on the line.

60 62 66 70 72 74 78 80 82 84

2a Fill in the missing numbers.

<table>
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<tr>
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<th>3</th>
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<th>9</th>
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</tr>
</thead>
<tbody>
<tr>
<td>11</td>
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<td>15</td>
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<td>46</td>
<td>47</td>
<td>48</td>
<td></td>
<td>50</td>
<td></td>
</tr>
</tbody>
</table>

b Write the missing numbers on the line.

71 73 75 77 79 81 83 85 87 89 91 93 95

3 Solve the problems below:

34 + 2 = _____  44 + 2 = _____  26 + 2 = _____

11 + 2 = _____  17 + 2 = _____  43 + 2 = _____
Adding & Subtracting

1 Add.

\[
\begin{array}{cccccc}
5 & 4 & 3 & 2 & 10 & 5 \\
+5 & +5 & +7 & +3 & +0 & +3 \\
\hline \\
8 & 5 & 9 & 6 & 4 & 1 \\
+2 & +2 & +1 & +3 & +6 & +6 \\
\hline \\
\end{array}
\]

\[
3 + 4 + 2 = \underline{10} \quad 2 + 8 = \underline{10} \quad 2 + 3 + 5 = \underline{10}
\]

2 Subtract.

\[
\begin{array}{cccccc}
9 & 10 & 8 & 10 & 9 & 10 \\
-2 & -3 & -8 & -1 & -3 & -5 \\
\hline \\
10 & 7 & 10 & 10 & 9 & 10 \\
-2 & -3 & -8 & -7 & -5 & -10 \\
\hline \\
\end{array}
\]

\[
10 - 4 = \underline{6} \quad 10 - 6 = \underline{4} \quad 10 - 9 = \underline{1}
\]

3 True or False? Circle one.

<p>| | | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>a</td>
<td>3 + 4 = 8</td>
<td>T</td>
<td>F</td>
<td>b</td>
<td>9 = 3 + 4 + 2</td>
</tr>
<tr>
<td>c</td>
<td>7 + 5 + 4 = 15</td>
<td>T</td>
<td>F</td>
<td>d</td>
<td>1 + 2 + 7 = 10</td>
</tr>
<tr>
<td>e</td>
<td>2 + 3 + 3 = 10</td>
<td>T</td>
<td>F</td>
<td>f</td>
<td>8 = 3 + 5 + 0</td>
</tr>
<tr>
<td>g</td>
<td>9 - 3 = 5</td>
<td>T</td>
<td>F</td>
<td>h</td>
<td>8 - 5 = 2</td>
</tr>
<tr>
<td>i</td>
<td>10 - 4 = 6</td>
<td>T</td>
<td>F</td>
<td>j</td>
<td>10 - 8 = 3</td>
</tr>
</tbody>
</table>

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Which Shape Is it? Riddles, page 1

Read each set of clues to figure out which shape it will be. Draw the shape in the box. Circle the word to tell whether it is a polygon or a nonpolygon.

<table>
<thead>
<tr>
<th>1 Clues</th>
<th>a  Draw the shape.</th>
</tr>
</thead>
<tbody>
<tr>
<td>• My shape has less than six sides.</td>
<td></td>
</tr>
<tr>
<td>• My shape has more than three sides.</td>
<td></td>
</tr>
<tr>
<td>• My shape is large.</td>
<td></td>
</tr>
<tr>
<td>• My shape has 2 slanted sides.</td>
<td></td>
</tr>
</tbody>
</table>

| b  Circle one: polygon or nonpolygon                                    |                     |

<table>
<thead>
<tr>
<th>2 Clues</th>
<th>a  Draw the shape.</th>
</tr>
</thead>
<tbody>
<tr>
<td>• My shape has less than six sides.</td>
<td></td>
</tr>
<tr>
<td>• My shape is small.</td>
<td></td>
</tr>
<tr>
<td>• My shape does not have 4 sides.</td>
<td></td>
</tr>
<tr>
<td>• My shape does not have any straight sides.</td>
<td></td>
</tr>
</tbody>
</table>

| b  Circle one: polygon or nonpolygon                                    |                     |
Which Shape Is It? Riddles, page 2

Solve the riddles below. Write the name of the shape in each riddle box. Then circle the word to tell if it is a polygon or a nonpolygon.

<table>
<thead>
<tr>
<th>Clues</th>
<th>Clues</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Clues</td>
<td>2 Clues</td>
</tr>
<tr>
<td>• My shape has 4 corners.</td>
<td>• My shape has 3 sides.</td>
</tr>
<tr>
<td>• My shape has 4 equal sides.</td>
<td>• My shape has 3 corners.</td>
</tr>
<tr>
<td>• My shape is not a square.</td>
<td>• Each of its sides is a different length.</td>
</tr>
<tr>
<td>Can you guess my shape?</td>
<td>Can you guess my shape?</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>a It is a ______________________.</td>
<td>a It is a ______________________.</td>
</tr>
<tr>
<td>b Circle one: polygon or nonpolygon</td>
<td>b Circle one: polygon or nonpolygon</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Clues</th>
<th>Clues</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 Clues</td>
<td>4 Clues</td>
</tr>
<tr>
<td>• My shape does not have 4 corners.</td>
<td>• My shape has more than 3 sides.</td>
</tr>
<tr>
<td>• My shape does not have 3 sides.</td>
<td>• My shape has more than 4 sides.</td>
</tr>
<tr>
<td>• My shape has no straight sides.</td>
<td>• My shape has 6 corners.</td>
</tr>
<tr>
<td>Can you guess my shape?</td>
<td>Can you guess my shape?</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>a It is a ______________________.</td>
<td>a It is a ______________________.</td>
</tr>
<tr>
<td>b Circle one: polygon or nonpolygon</td>
<td>b Circle one: polygon or nonpolygon</td>
</tr>
</tbody>
</table>
Cut apart the cards on this page and the next page to make a matching game.
<table>
<thead>
<tr>
<th>7:00</th>
<th>10:30</th>
<th>3:00</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30</td>
<td>4:00</td>
<td>9:30</td>
</tr>
<tr>
<td>11:30</td>
<td>5:30</td>
<td>2:00</td>
</tr>
<tr>
<td>6:30</td>
<td>12:00</td>
<td>12:30</td>
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</tbody>
</table>