

# Summer Math Practice

## For Students Entering Grade 4

Keep up those skills we learned all year long!

Dear Parents,

The students in Grade 3 have worked very hard all year to learn math skills and prepare for Grade 4, but we are not done yet! It is now your turn to keep up the hard work. All students entering Grade 4 are expected to know their multiplication facts 0-10. Students must practice, practice, practice, until they can recite their facts accurately and quickly. There will be a test in September to check that all students have mastered the multiplication facts. Grade 4 math truly builds on the facts (long division, multi-step multiplication, and fractions) and the children who know their facts without hesitation will have a huge advantage. Thanks for your help.

Grade 3 Summer Math Packet **Week 1**

<p>1. Find the sum.</p> $\begin{array}{r} 34 \\ 35 \\ +89 \\ \hline \end{array}$	<p>6. Multiply.</p> <p>(a) <math>6 \times 8 =</math></p> <p>(b) <math>7 \times 4 =</math></p> <p>(c) <math>9 \times 3 =</math></p>
<p>2. Write the following numbers in expanded form.</p> <p>(a) <math>456 =</math></p> <p>(b) <math>281 =</math></p>	<p>7.</p> $\begin{array}{r} 407 \\ -246 \\ \hline \end{array}$
<p>3. Round each number to the nearest 10.</p> <p>(a) <math>47 =</math></p> <p>(b) <math>32 =</math></p> <p>(c) <math>89 =</math></p>	<p>8. A classroom has 5 rows of desks with 5 desks in each row. Write the number sentences and answer to this problem.</p>
<p>4.</p> $\begin{array}{r} 456 \\ +789 \\ \hline \end{array}$	<p>9. Fill in the missing number.</p> <p>(a) <math>54 \div \underline{\quad} = 6</math></p> <p>(b) <math>36 \div \underline{\quad} = 6</math></p> <p>(c) <math>42 \div \underline{\quad} = 6</math></p>
<p>5. Write the correct comparison symbol (<math>&lt;</math>, <math>&gt;</math>, or <math>=</math>).</p> <p>(a) <math>46 \underline{\quad} 64</math></p> <p>(b) <math>178 \underline{\quad} 781</math></p>	<p>10.</p> $\$3.45 + \$10.56 =$


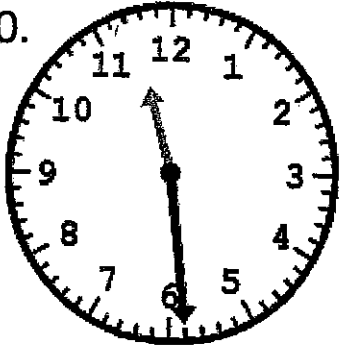
Grade 3 Summer Math Packet **Week 2**

<p>1. Find the sum.</p> $146 + 38 + 542 =$	<p>6. Multiply.</p> <p>(a) <math>7 \times 7 =</math></p> <p>(b) <math>4 \times 6 =</math></p> <p>(c) <math>9 \times 5 =</math></p>
<p>2. Which of the following is true?</p> <p>(a) <math>6 \times 3 = 4 \times 4</math></p> <p>(b) <math>20 - 5 = 19 - 3</math></p> <p>(c) <math>9 + 8 = 10 + 7</math></p>	<p>7. Write 23,082 in expanded form.</p> <p>What digit is in the thousands place?</p>
<p>3. Round each number to the nearest 100.</p> <p>(a) 520=</p> <p>(b) 832=</p> <p>(c) 119=</p>	<p>8. Susie wants to share 30 candies with 6 friends. How many candies will each of Susie's friends get? Show the number sentence and answer.</p>
<p>4.</p> $\begin{array}{r} 976 \\ +784 \\ \hline \end{array}$	<p>9. Fill in the missing number.</p> <p>(a) <math>23 - \underline{\quad} = 11</math></p> <p>(b) <math>19 - \underline{\quad} = 8</math></p>
<p>5. Write the correct comparison symbol (&lt;, &gt;, or =).</p> <p>(a) <math>6 \times 5 \underline{\quad} 17 + 28</math></p> <p>(b) <math>10 \times 8 \underline{\quad} 115 - 49</math></p>	<p>10.</p> $\$2.00 - \$0.57 =$

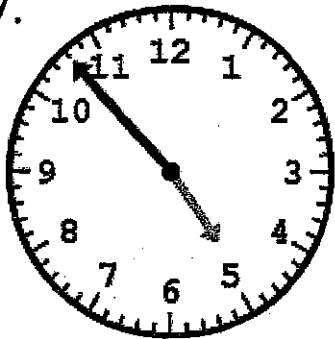
Grade 3 Summer Math Packet **Week 3**

<p>1.</p> $\begin{array}{r} 500 \\ -111 \\ \hline \end{array}$	<p>6. Multiply.</p> <p>(a) <math>4 \times 3 =</math></p> <p>(b) <math>8 \times 8 =</math></p> <p>(c) <math>6 \times 7 =</math></p>
<p>2. Oranges 29¢          Pudding 35¢          Crackers 22¢</p> <p>What is the cost of purchasing 2 puddings and an orange?</p>	<p>7. Write these numbers from least to greatest: 405, 504, 444, 544</p> <p>_____</p>
<p>3. Round each number to the nearest 10 and then add.</p> $84 + 97 + 24$ $\underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$	<p>8. Write 2 addition and 2 subtraction problems using the following digits:</p> <p>9, 16, 7</p>
<p>4.</p> $\frac{4}{12} + \frac{3}{12} + \frac{2}{12} =$	<p>9. Fill in the missing number.</p> <p>(a) <math>9 \times \underline{\quad} = 27</math></p> <p>(b) <math>8 \times \underline{\quad} = 32</math></p> <p>(c) <math>7 \times \underline{\quad} = 49</math></p>
<p>5. Write the correct comparison symbol (&lt;, &gt;, or =).</p> <p>(a) 1,485 _____ 1,845</p> <p>(b) 90,002 _____ 92,001</p>	<p>10.</p> $\$40.56 + \$157.82 =$

Grade 3 Summer Math Packet **Week 4**

<p>1.</p> <table style="margin-left: 40px;"> <tr> <td style="padding-right: 40px;">36</td> <td style="padding-right: 40px;">25</td> <td>18</td> </tr> <tr> <td style="padding-right: 40px;"><u>x6</u></td> <td style="padding-right: 40px;"><u>x4</u></td> <td><u>x7</u></td> </tr> </table>	36	25	18	<u>x6</u>	<u>x4</u>	<u>x7</u>	<p>6. Joe bought a hat for \$7.36 and a belt for \$10.63. How much money did Joe spend altogether? If Joe paid with a \$20.00 bill, how much change will he get back?</p>
36	25	18					
<u>x6</u>	<u>x4</u>	<u>x7</u>					
<p>2. Can you show 40¢ using exactly 4 coins? Show the coins.</p>	<p>7.</p> <p style="margin-left: 100px;">(a) <math>28 \div 4 =</math></p> <p style="margin-left: 100px;">(b) <math>72 \div 8 =</math></p>						
<p>3. What is the perimeter of this rectangle?</p> <div style="text-align: center; margin: 10px 0;">  </div>	<p>8.</p> <div style="text-align: center; margin: 10px 0;"> <math display="block">\begin{array}{r} 3007 \\ -2819 \\ \hline \end{array}</math> </div>						
<p>4.</p> <div style="text-align: center; margin: 10px 0;"> <math display="block">\begin{array}{r} 4,634 \\ +3,297 \\ \hline \end{array}</math> </div>	<p>9. Write these numbers from least to greatest: 174, 741, 147, 471</p> <p style="margin-left: 40px;">_____</p>						
<p>5. There are 46 kittens at the pet store. 15 kittens are gray. How many kittens are not gray?</p>	<p>10.</p> <div style="display: flex; align-items: center;">  <div style="margin-left: 20px;"> <p>What time is it?</p> <p style="text-align: center;">____:____</p> <p>What time will it Be in 30 min?</p> <p style="text-align: center;">____:____</p> </div> </div>						

Grade 3 Summer Math Packet **Week 5**

<p>1. What is the best estimate for the length of a driveway?</p> <p>45 miles 45 feet 4 miles</p>	<p>6. 16 ounces = 1 pound Mr. Parker made 4 pounds of potato salad for a party. How many ounces of potato salad did he make?</p>
<p>2. What time will it be in 20 minutes if it is now:</p> <p>(a) 2:10 _____ (b) 8:15 _____ (c) 7:35 _____</p>	<p>7.  What time is it? _____:_____ What time will it be in 2 hours? _____:_____</p>
<p>3. Write the correct comparison symbol (&lt;, &gt;, =).</p> <p><math>\frac{1}{2}</math> _____ <math>\frac{1}{4}</math>      <math>\frac{1}{8}</math> _____ <math>\frac{1}{6}</math></p>	<p>8.</p> $\begin{array}{r} 700 \\ -362 \\ \hline \end{array}$
<p>4.</p> $\begin{array}{r} 1387 \\ 7642 \\ 1386 \\ +2431 \\ \hline \end{array}$	<p>9. What are the missing numbers in the number pattern?</p> <p>525, _____, 515, 510, _____, 500 Rule _____</p>
<p>5. Can you make 45¢ using 5 coins? Show the 2 combinations that are possible.</p>	<p>10.</p> $6 \overline{)42} \qquad 8 \overline{)32}$

Grade 3 Summer Math Packet **Week 6**

1. Estimate the sum of:

$$76 + 32$$

$$\underline{\quad\quad} + \underline{\quad\quad} = \underline{\quad\quad}$$

6. I am an odd number between 22 and 29. You say me when you count by 3's. What number am I?

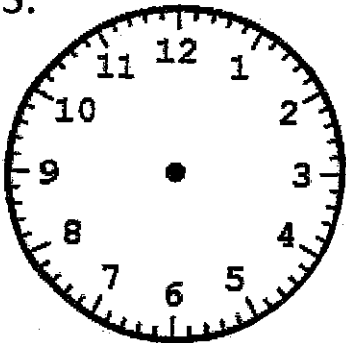
2.  $\frac{5}{6} - \frac{2}{6} =$

$$\frac{3}{8} + \frac{2}{8} + \frac{1}{8} =$$

7.

$$\$25.32 + \$4.96 =$$

3.



Draw the hands on the clock to show 2:46.

8. How much money do I have?

3 quarters  
2 dimes  
4 nickels  
7 pennies

4. Donna paid 36¢ for 4 pencils. Each pencil cost the same amount. How much did each pencil cost?

9.

$$\begin{array}{r} 6 \\ \underline{\times 7} \end{array} \qquad \begin{array}{r} 26 \\ \underline{\times 7} \end{array} \qquad \begin{array}{r} 8 \\ \underline{\times 7} \end{array}$$

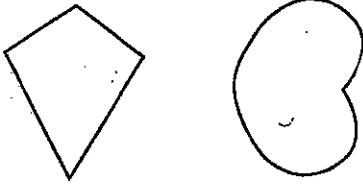
5.

$$\$9.00 - \$3.64 =$$

10.

$$9 \overline{)18} \qquad 9 \overline{)45}$$

1. Draw a line of symmetry for each figure.



6.

$$\begin{array}{r} 801 \\ -246 \\ \hline \end{array}$$

2.

$$\begin{array}{r} 30 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 38 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 54 \\ \times 5 \\ \hline \end{array}$$

7.

Pencils in Ida's Collection	
Red	
Yellow	
White	
Key: Each  = 4 pencils.	

How many pencils were white? \_\_\_\_\_

3. In a basketball game, Mike made 15 3-point baskets. How many points did Mike score in that game?

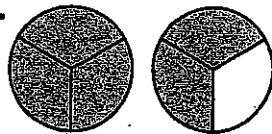
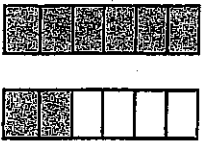
8.

$$45\text{¢} \div 9 =$$

$$36\text{¢} \div 6 =$$

$$64\text{¢} \div 8 =$$

4. Write a fraction for the shaded part of each figure.



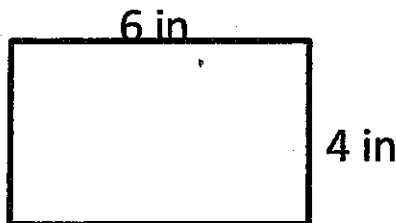
9.

$$32 + \underline{\hspace{2cm}} = 38$$

$$35 \div \underline{\hspace{2cm}} = 7$$

$$4 \times \underline{\hspace{2cm}} = 36$$

5.



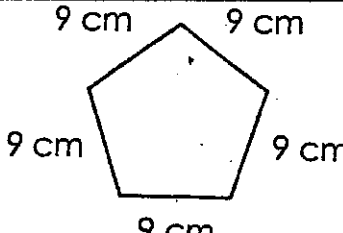
10.

$$\begin{array}{r} 472 \\ 249 \\ +256 \\ \hline \end{array}$$

What is the perimeter? \_\_\_\_\_

What is the area? \_\_\_\_\_



<p>1. Write 56,995 in expanded form.</p> <p>What digit is in the hundreds place?</p>	<p>6. Round each number to the nearest hundred dollars, and then find the sum.</p> $\begin{array}{r} \$426 + \$575 \\ \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \end{array}$
<p>2. Ralph had 32¢. His mother gave him some money, and now he has 77¢. How much money did his mother give him?</p>	<p>7. Write the correct comparison symbol (&lt;, &gt;, =).</p> <p>67 – 50 ○ 2 tens and 17 ones</p> <p>34 + 85 ○ 1 hundreds 1 tens 3 ones</p>
<p>3.</p> $\$139.62 + \$28.62 =$	<p>8.</p> $\begin{array}{r} 6034 \\ -5196 \\ \hline \end{array}$
<p>4. 6 quarters, 1 dime 5 nickles, and 3 pennies How much money is this? Write the answer 2 ways.</p>	<p>9. Complete the number pattern.</p> <p>____, ____, 517, 417, 317, ____</p> <p>Rule _____</p> <p>Are these numbers odd or even?</p>
<p>5.</p>  <p>What is the perimeter? _____</p> <p>What shape is this? _____</p>	<p>10.</p> $\begin{array}{r} 67 \\ \underline{\times 4} \end{array} \qquad \begin{array}{r} 82 \\ \underline{\times 3} \end{array}$

Grade 3 Summer Math Packet **Week 9**

<p>1. Michael made two dozen cupcakes for a party. There were 10 children at the party. Each child ate 2 cupcakes. How many cupcakes did the children eat?</p> <p>How many cupcakes were leftover?</p>	<p>6. Write 4 equations using the following numbers. (Think fact family)</p> <p style="text-align: center;">6, 18, 3</p>				
<p>2.</p> <p>Find the answer using mental computation.</p> <p><math>36 \times 10</math> _____      <math>50 \div 10 =</math> _____</p> <p><math>46 + 25</math> _____      <math>36 - 20 =</math> _____</p>	<p>7.</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;"><math>87</math></td> <td style="text-align: center;"><math>24</math></td> </tr> <tr> <td style="text-align: center;"><u><math>\times 5</math></u></td> <td style="text-align: center;"><u><math>\times 3</math></u></td> </tr> </table>	$87$	$24$	<u><math>\times 5</math></u>	<u><math>\times 3</math></u>
$87$	$24$				
<u><math>\times 5</math></u>	<u><math>\times 3</math></u>				
<p>3.</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;"><math>8 \overline{)56}</math></td> <td style="text-align: center;"><math>3 \overline{)24}</math></td> </tr> </table>	$8 \overline{)56}$	$3 \overline{)24}$	<p>8. Is it am or pm for the following times:</p> <p>Lunch time 12:00 _____</p> <p>Dusk _____</p> <p>Dawn _____</p> <p>12:00 midnight _____</p>		
$8 \overline{)56}$	$3 \overline{)24}$				
<p>4. Can you make 30¢ using 8 coins?</p>	<p>9. Complete the number pattern.</p> <p style="text-align: center;">_____, _____, 35, 28, 21, _____</p> <p style="text-align: center;">Rule _____</p>				
<p>5. The letter R is the third letter in a six letter word.</p> <p>How many letters are before R?</p> <p>_____</p> <p>How many letters are after R? _____</p>	<p>10.</p> <p style="text-align: center;"><math>9000 - 1450 =</math></p>				

Grade 3 Summer Math Packet **Week 10**

<p>1. What is the value of the digit 5 in the following numbers?</p> <p>(a) 571 _____</p> <p>(b) 452 _____</p> <p>(c) 995 _____</p>	<p>6. Five friends rode their bike from school to the lake. They rode 7 miles, then they rested. They still had 4 miles to go. How far was it from school to the lake?</p>				
<p>2. Write these numbers from greatest to least.</p> <p>1,358 1,538 1,835 1,583</p> <p>_____, _____, _____, _____</p>	<p>7. The numbers 5, 3, and 15 form a fact family. Write 2 multiplication facts and 2 division facts using these three numbers.</p>				
<p>3. Write the correct comparison symbol (&lt;, &gt;, =).</p> <p><math>4 + 6 + 8 \bigcirc 21 - 10</math></p> <p><math>3 \times 10 \bigcirc 8 + 7 + 5</math></p>	<p>8. Jimmy found six hundred eighteen acorns under one tree. He found one hundred seventeen acorns under another. How many acorns did he find in all?</p>				
<p>4. Find the missing addend.</p> <p><math>B + 6 + 5 = 14</math></p> <p><math>5 + 2 + W = 12</math></p>	<p>9. Use the digits 3, 6, 7 once each to write an even number less than 400.</p> <p>What place is the 7 digit in?</p>				
<p>5. The letter S is the fifth letter in an eight letter word.</p> <p>How many letters are before S?</p> <p>_____</p> <p>How many letters are after S? _____</p>	<p>10.</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: right;"><math>\\$456</math></td> <td style="text-align: right;"><math>\\$7.00</math></td> </tr> <tr> <td style="text-align: right;"><math>-\underline{\\$178}</math></td> <td style="text-align: right;"><math>-\underline{\\$5.99}</math></td> </tr> </table>	$\$456$	$\$7.00$	$-\underline{\$178}$	$-\underline{\$5.99}$
$\$456$	$\$7.00$				
$-\underline{\$178}$	$-\underline{\$5.99}$				

