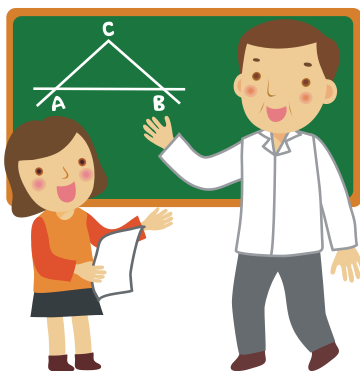


Name \_\_\_\_\_



# Summer Math Packet Entering 4<sup>th</sup> Grade

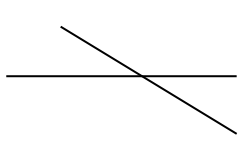


Dear Parents,

The intention of the summer math packet is to provide consistent math practice for your child in order to maintain math skills learned. Please have your child do one page of skill practice and one page of math facts each week of the summer. If your child has trouble remembering how to do a problem refer to his/her math notebook. If your child still cannot remember how to do a problem, I would recommend highlighting that problem so your child can ask the fourth grade teacher to review that concept before the Summer Packet Quiz in the fall.

I have enjoyed teaching your child math this school year. I am proud of the progress the students have made in math. I hope your family has a safe and fun summer. See you next year!

Don't forget to show your work on all word problems !!!!

<p>1.</p> $\begin{array}{r} 123 \\ 456 \\ +789 \\ \hline \end{array}$	<p>2.</p> $\begin{array}{r} 702 \\ -333 \\ \hline \end{array}$	<p>3.</p> <p>Finish the fact family.</p> $6 \times 5 = \underline{\quad}$ $\underline{\quad} \times \underline{\quad} = \underline{\quad}$ $\underline{\quad} \div \underline{\quad} = \underline{\quad}$ $\underline{\quad} \div \underline{\quad} = \underline{\quad}$
<p>4.</p> <p>Use Rounding to the highest place value to estimate the sum.</p> $\begin{array}{r} 28 \\ +44 \\ \hline \end{array}$	<p>5.</p> <p>What is the value of the 7 in the number 1,378?</p>	<p>6.</p> <p>Stuart has 204 marbles. Jack has 157 marbles. How many fewer does Jack have than Stuart?</p>
<p>7.</p> <p>Ellen has 20 chocolate kisses to give equally to 4 friends. How many will each friend get?</p>	<p>8.</p> $7 \times 40 =$	<p>9.</p> <p>Is the number 1,235 even or odd?</p>
<p>10.</p> $2 \times 12 = \underline{\quad} + 4$	<p>11. Are these lines intersecting or parallel?</p> 	<p>12.</p> <p>Draw a clock that shows 6:15.</p>
<p>13.</p> <p>Sam left to go to Blue Bayou at 10:15am. He arrived at Blue Bayou at 11:35am. How long did it take to get there?</p>	<p>14.</p> <p>Sam left Blue Bayou at 4:45pm. How long was he at the water park?</p>	<p>15.</p> <p>Each side of a square is 6 centimeters long. What is the perimeter of the square?</p>

## Multiplication Facts Practice Week 1

Set a timer for 5 minutes

$4 \times 7 =$

$7 \times 11 =$

$9 \times 10 =$

$7 \times 4 =$

$3 \times 2 =$

$7 \times 9 =$

$2 \times 9 =$

$8 \times 6 =$

$7 \times 7 =$

$5 \times 9 =$

$9 \times 11 =$

$3 \times 3 =$

$4 \times 11 =$

$7 \times 8 =$

$6 \times 10 =$

$12 \times 7 =$

$9 \times 8 =$

$2 \times 9 =$

$7 \times 8 =$

$10 \times 6 =$

$10 \times 10 =$

$3 \times 2 =$

$7 \times 10 =$

$1 \times 9 =$

$2 \times 3 =$

$10 \times 11 =$

$10 \times 5 =$

$11 \times 1 =$

$10 \times 7 =$

$9 \times 12 =$

$11 \times 8 =$

$7 \times 4 =$

$1 \times 12 =$

$10 \times 4 =$

$6 \times 7 =$

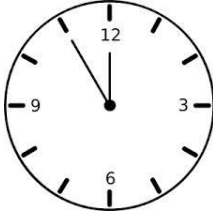
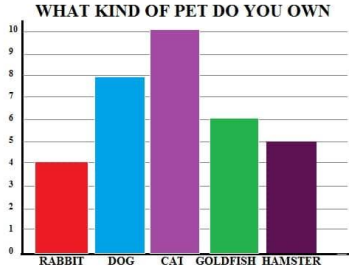

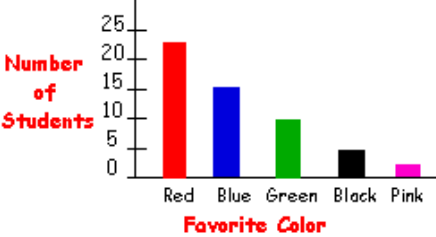
$4 \times 7 =$

$6 \times 9 =$

$12 \times 11 =$

$5 \times 8 =$

$12 \times 4 =$

<p>1.</p> $\begin{array}{r} 48 \\ 54 \\ +275 \\ \hline \end{array}$	<p>2.</p> $\begin{array}{r} 700 \\ -247 \\ \hline \end{array}$	<p>3.</p> $\begin{array}{r} 509 \\ -247 \\ \hline \end{array}$												
<p>4.</p> $6 \times 50 =$	<p>5.</p>  <p>What time is it? _____</p>	<p>6.</p> <p>Write the multiplication fact family for 7,4,28.</p>												
<p>7.</p> <p>WHAT KIND OF PET DO YOU OWN</p>  <table border="1"> <caption>Pet Ownership Data</caption> <thead> <tr> <th>Pet</th> <th>Count</th> </tr> </thead> <tbody> <tr> <td>Rabbit</td> <td>4</td> </tr> <tr> <td>Dog</td> <td>8</td> </tr> <tr> <td>Cat</td> <td>10</td> </tr> <tr> <td>Goldfish</td> <td>6</td> </tr> <tr> <td>Hamster</td> <td>5</td> </tr> </tbody> </table>	Pet	Count	Rabbit	4	Dog	8	Cat	10	Goldfish	6	Hamster	5	<p>8.</p> <p>What is the most popular pet?</p> <p>What is the least popular pet?</p>	<p>9.</p> <p>Ruth, Pat, and Sara are collecting shells. Ruth has 27 shells. Pat has 32 shells. Sara has 16 shells. How many shells do Ruth and Sara have together?</p>
Pet	Count													
Rabbit	4													
Dog	8													
Cat	10													
Goldfish	6													
Hamster	5													
<p>10.</p> <p>Use rounding to the highest place value to find the estimated difference.</p> $\begin{array}{r} 56 \\ -45 \\ \hline \end{array}$	<p>11.</p> <p>Write this number in expanded form.</p> <p>356</p>	<p>12.</p> <p>Measure to the nearest inch.</p> <p>_____</p>												
<p>13.</p> <p>Is this a ray or a line?</p> 	<p>Student's Favorite Color</p>  <table border="1"> <caption>Favorite Color Data</caption> <thead> <tr> <th>Color</th> <th>Number of Students</th> </tr> </thead> <tbody> <tr> <td>Red</td> <td>22</td> </tr> <tr> <td>Blue</td> <td>14</td> </tr> <tr> <td>Green</td> <td>8</td> </tr> <tr> <td>Black</td> <td>3</td> </tr> <tr> <td>Pink</td> <td>1</td> </tr> </tbody> </table>	Color	Number of Students	Red	22	Blue	14	Green	8	Black	3	Pink	1	<p>14. Use the graph to the left to answer the questions.</p> <p>How many students chose blue as the favorite color? _____</p> <p>Which color is the least favorite? _____</p> <p>How many students chose green and blue together? _____</p>
Color	Number of Students													
Red	22													
Blue	14													
Green	8													
Black	3													
Pink	1													

## Division Facts Practice Week #2

Set a timer for 5 minutes.

$6 \overline{) 72}$

$6 \overline{) 60}$

$2 \overline{) 18}$

$5 \overline{) 55}$

$4 \overline{) 24}$

$7 \overline{) 42}$

$8 \overline{) 40}$

$7 \overline{) 77}$

$2 \overline{) 4}$

$1 \overline{) 9}$

$4 \overline{) 8}$

$2 \overline{) 10}$

$7 \overline{) 84}$

$8 \overline{) 40}$

$6 \overline{) 36}$

$2 \overline{) 16}$

$11 \overline{) 55}$

$2 \overline{) 6}$

$8 \overline{) 72}$

$11 \overline{) 88}$

$6 \overline{) 18}$

$8 \overline{) 80}$

$2 \overline{) 12}$

$3 \overline{) 36}$

$1 \overline{) 9}$

$3 \overline{) 33}$

$2 \overline{) 24}$

$5 \overline{) 25}$

$2 \overline{) 22}$

$1 \overline{) 11}$

$2 \overline{) 8}$

$11 \overline{) 88}$

$3 \overline{) 33}$

$11 \overline{) 66}$

$1 \overline{) 5}$

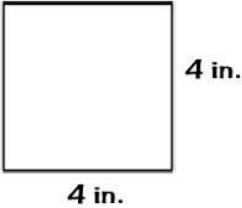
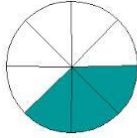
$4 \overline{) 12}$

$4 \overline{) 32}$

$1 \overline{) 7}$

$11 \overline{) 132}$

$11 \overline{) 33}$

<p>1. Round to the nearest hundred.</p> <p>872    _____ 232    _____</p>	<p>2. Write the number in word form.</p> <p>745</p>	<p>3.</p> $\begin{array}{r} 902 \\ -646 \\ \hline \end{array}$
<p>4. What is the value of the underlined digit?</p> <p>9,<u>4</u>56</p>	<p>5.</p> $\begin{array}{r} \$4.92 \\ +\$2.34 \\ \hline \end{array}$	<p>6. Find the perimeter.</p>  <p>_____ inches</p>
<p>7. Karen is collecting rose petals for a wedding. Each rose has 12 petals. How many petals will Karen get from 8 roses?</p>	<p>8. Is this number even or odd?</p> <p>689</p>	<p>9.</p> $45 - 4 = 36 + \underline{\quad}$
<p>10. Measure this line to the nearest centimeter.</p> <p>_____</p>	<p>11. David's bedroom is 15 ft. wide and 10 ft. long. What is the area of David's bedroom?</p>	<p>12. What fraction of the shape is shaded?</p> 
<p>13. I am making a sign to advertise my new store. The sign has two pairs of parallel sides and four right angles. What is the shape of my sign?</p>	<p>14.</p> $9 \times 40 =$	<p>15. Reed is going to bed 1 hour and 20 minutes past his bed time. His bed time is 9:30 pm. What time is he going to bed?</p>

## Multiplication Facts Practice Week #3

Set a timer for 5 minutes.

$10 \times 8 =$

$11 \times 9 =$

$10 \times 8 =$

$11 \times 8 =$

$2 \times 8 =$

$10 \times 9 =$

$10 \times 7 =$

$9 \times 6 =$

$4 \times 8 =$

$8 \times 7 =$

$10 \times 5 =$

$8 \times 9 =$

$6 \times 7 =$

$8 \times 5 =$

$8 \times 7 =$

$11 \times 6 =$

$7 \times 7 =$

$7 \times 8 =$

$8 \times 9 =$

$6 \times 5 =$

$8 \times 7 =$

$8 \times 5 =$

$8 \times 6 =$

$11 \times 5 =$

$6 \times 5 =$

$6 \times 9 =$

$10 \times 7 =$

$6 \times 7 =$

$12 \times 7 =$

$6 \times 8 =$

$11 \times 7 =$

$8 \times 6 =$

$7 \times 8 =$

$7 \times 9 =$

$6 \times 8 =$

$9 \times 8 =$

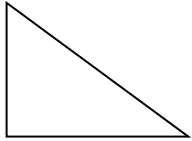
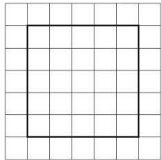
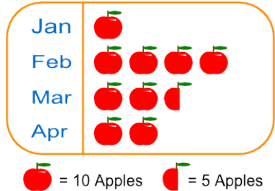
$8 \times 8 =$

$9 \times 5 =$

$10 \times 7 =$

$1 \times 8 =$



<p>1. Is the sum of 456 and 986 even or odd?</p>	<p>2. There are 3 feet in a yard. Brandon is making a tree swing. He needs 12 feet of rope. How many yards should he buy?</p>	<p>3. How many right angles does this shape have?</p> 
<p>4.</p> $9 \times \underline{\quad} = 81$ $84 = 12 \times \underline{\quad}$	<p>5. Find the area.</p>  <p>_____ square units</p>	<p>6.</p> $\begin{array}{r} 301 \\ -158 \\ \hline \end{array}$
<p>7. Jim has 45 baseball cards to put in his album. Each album page holds 9 cards. How many pages does he need?</p>	<p>8. Round to the highest place value.</p> <p>456 _____</p> <p>37 _____</p> <p>960 _____</p>	<p>9.</p> $\begin{array}{r} 557 \\ +842 \\ \hline \end{array}$
<p>10. Eight cub scouts collected old newspapers for their recycling project. Each scout collected 12 loads of paper. How many loads did they collect in all?</p>	<p>11. Emily bought 2 bags of dog food that cost \$4 each. She also bought 3 dog treats that cost \$6 each. How much did Emily spend?</p>	<p>12.</p> $12 \times 3 = 6 + \underline{\quad}$ $2 \times 11 = 20 + \underline{\quad}$
<p>13. What kind of graph is this?</p> 	<p>14. Use the graph in #13 to answer the following questions. How many apples were picked in March? _____ In which month was the most apples picked? _____ How many more apples were picked in February than in April? _____</p>	<p>15. Which is an example of the commutative property of multiplication?</p> $6 + 4 = 4 + 6$ $4 \times 3 = 6 \times 2$ $4 \times 6 = 6 \times 4$

# Division Facts Practice Week #4

Set a timer for 5 minutes.

$11 \overline{) 88}$

$6 \overline{) 12}$

$6 \overline{) 60}$

$5 \overline{) 20}$

$9 \overline{) 45}$

$10 \overline{) 80}$

$4 \overline{) 48}$

$8 \overline{) 80}$

$7 \overline{) 21}$

$8 \overline{) 64}$

$8 \overline{) 96}$

$8 \overline{) 56}$

$5 \overline{) 30}$

$10 \overline{) 100}$

$7 \overline{) 28}$

$9 \overline{) 18}$

$7 \overline{) 49}$

$9 \overline{) 63}$

$8 \overline{) 56}$

$5 \overline{) 25}$

$8 \overline{) 80}$

$5 \overline{) 15}$

$9 \overline{) 18}$

$8 \overline{) 24}$

$3 \overline{) 9}$

$11 \overline{) 99}$

$3 \overline{) 12}$

$4 \overline{) 12}$

$10 \overline{) 80}$

$10 \overline{) 100}$

$11 \overline{) 66}$

$5 \overline{) 30}$

$4 \overline{) 16}$

$11 \overline{) 66}$

$7 \overline{) 28}$


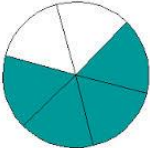
$8 \overline{) 40}$

$7 \overline{) 14}$

$11 \overline{) 33}$

$5 \overline{) 30}$

$4 \overline{) 36}$

<p>1. What time is it?</p> 	<p>2. There are 4 quarts in each gallon of lemonade. Bryan is making 8 gallons of lemonade. How many quarts will that be?</p>	<p>3.</p> $9 \times 60 =$
<p>4.</p> $\begin{array}{r} 579 \\ 238 \\ + 374 \\ \hline \end{array}$	<p>5.</p> <p>Skip count by 3s.</p> <p>Start at 57 and end at 72.</p> <hr/>	<p>6.</p> <p>Write this number in standard form.</p> $500 + 60 + 5$
<p>7. What fraction is shaded?</p> 	<p>8.</p> $\begin{array}{r} 614 \\ -288 \\ \hline \end{array}$	<p>9.</p> <p>Use the Distributive Property to show <math>8 \times 14</math>.</p>
<p>10.</p> <p>I am framing a picture. It will be a square with 5 inch sides. What is the perimeter of the frame?</p>	<p>11. J.T. read 15 books this summer. He read the same number of books each month for 3 months. How many books did he read each month?</p>	<p>12.</p> <p>Find the variable.</p> $F \times 7 = 35$ $F = \underline{\quad}$
<p>13.</p> <p>Write <math>&lt;</math>, <math>&gt;</math> or <math>=</math></p> $239 \quad \underline{\quad} \quad 231$ $4,798 \quad \underline{\quad} \quad 5,982$ $8,900 \quad \underline{\quad} \quad 8,299$	<p>14.</p> <p>Write the multiplication fact family for 12, 3, 36.</p>	<p>15.</p> $4 \times 12 = 6 \times \underline{\quad}$ $123 + 17 = \underline{\quad} + 45$

## Multiplication Facts Practice Week #5

Set a timer for 5 minutes

$7 \times 8 =$

$3 \times 6 =$

$10 \times 12 =$

$8 \times 11 =$

$3 \times 7 =$

$10 \times 7 =$

$9 \times 9 =$

$9 \times 6 =$

$9 \times 11 =$

$10 \times 11 =$

$4 \times 11 =$

$8 \times 9 =$

$6 \times 5 =$

$3 \times 9 =$

$2 \times 9 =$

$12 \times 7 =$

$11 \times 5 =$

$4 \times 3 =$

$9 \times 11 =$

$8 \times 7 =$

$6 \times 8 =$

$3 \times 12 =$

$4 \times 3 =$

$4 \times 2 =$

$9 \times 9 =$

$11 \times 8 =$

$4 \times 5 =$

$12 \times 11 =$

$9 \times 8 =$

$10 \times 10 =$

$10 \times 8 =$

$8 \times 12 =$

$8 \times 10 =$

$8 \times 10 =$

$8 \times 11 =$

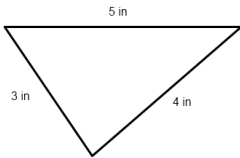
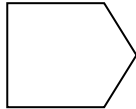
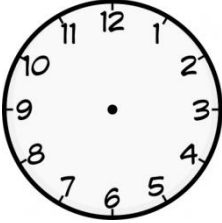
$3 \times 11 =$

$4 \times 3 =$

$9 \times 9 =$

$3 \times 12 =$

$10 \times 11 =$

<p>1. Reed has \$10.00. He wants to buy two packs of ping pong balls. Each pack costs \$3.28. He also needs a paddle that costs \$1.99. Does he have enough money?</p>	<p>2. How much change will Reed get in question #1?</p>	<p>3.</p> $\begin{array}{r} \$5.00 \\ -\$2.74 \\ \hline \end{array}$
<p>4. Put these fractions in order from greatest to least.</p> <p><math>\frac{2}{5}</math>   <math>\frac{1}{5}</math>   <math>\frac{4}{5}</math></p>	<p>5. Is the difference of 871 and 234 even or odd?</p>	<p>6. Lauren bought a large pack of stickers. It contained 9 sheets with 6 stickers on each sheet. How many stickers did the pack contain?</p>
<p>7.</p> $\begin{array}{r} 739 \\ +586 \\ \hline \end{array}$	<p>8. Find the perimeter.</p> 	<p>9. Round to the nearest dollar.</p> <p>\$4.66     _____</p> <p>\$7.09     _____</p> <p>\$1.56     _____</p>
<p>10. The pet shelter bought 85 pounds of dog food, 50 pounds of cat food, and 15 pounds of gerbil food. How many pounds of animal food did the shelter buy?</p>	<p>11. Estimate the sum by rounding to the highest place value.</p> $\begin{array}{r} 479 \\ +89 \\ \hline \end{array}$	<p>12. What is another way to group the factors?</p> <p><math>(9 \times 2) \times 2</math>     _____</p> <p>What is the product?</p> <p>_____</p>
<p>13. How many angles does this shape have?</p> 	<p>14. Draw hands to show 9:35.</p> 	<p>15. 16 ounces = 1 pound</p> <p>Vincent ate 3 pounds of bananas last week. How many ounces did he eat?</p>

# Division Fact Practice Week #6

Set a timer for 5 minutes.

$2 \overline{) 22}$

$11 \overline{) 33}$

$10 \overline{) 70}$

$11 \overline{) 44}$

$3 \overline{) 15}$

$11 \overline{) 22}$

$11 \overline{) 66}$

$6 \overline{) 66}$

$7 \overline{) 49}$

$5 \overline{) 25}$

$12 \overline{) 36}$

$2 \overline{) 12}$

$7 \overline{) 14}$

$7 \overline{) 56}$

$3 \overline{) 36}$

$8 \overline{) 40}$

$9 \overline{) 45}$

$10 \overline{) 30}$

$4 \overline{) 20}$

$12 \overline{) 12}$

$5 \overline{) 60}$

$12 \overline{) 24}$

$6 \overline{) 66}$

$4 \overline{) 24}$

$9 \overline{) 72}$

$12 \overline{) 84}$

$11 \overline{) 66}$

$11 \overline{) 33}$

$10 \overline{) 50}$

$12 \overline{) 60}$

$10 \overline{) 60}$

$5 \overline{) 20}$

$4 \overline{) 32}$

$10 \overline{) 60}$

$6 \overline{) 24}$

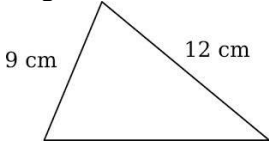
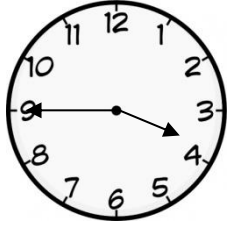
$3 \overline{) 18}$

$11 \overline{) 55}$

$12 \overline{) 48}$

$9 \overline{) 36}$

$9 \overline{) 9}$

<p>1. Draw 4 trees. Color <math>\frac{3}{4}</math> of them.</p>	<p>2.</p> $\begin{array}{r} 1,107 \\ -398 \\ \hline \end{array}$	<p>3. Round to the nearest hundred.</p> <p>473    _____              824    _____              656    _____</p>
<p>4. The movie will start at 4:15. It takes 30 minutes to get to the movie theater. What time should you leave your house?</p>	<p>5.</p> $6 \times \underline{\quad} = 12 \times 3$ $9 \times \underline{\quad} = 58 - 4$	<p>6.</p> $\begin{array}{r} 800 \\ -744 \\ \hline \end{array}$
<p>7. Josh is sharing 64 marshmallows equally among 8 campers. How many will each camper get?</p>	<p>8.</p> $\begin{array}{r} 459 \\ +932 \\ \hline \end{array}$	<p>9. Erin practices violin for 50 minutes every day. How many minutes does Erin practice violin in 7 days?</p>
<p>10. Write <math>&gt;</math>, <math>&lt;</math> or <math>=</math></p> <p><math>\frac{2}{4}</math> _____ <math>\frac{1}{4}</math>  <math>\frac{3}{6}</math> _____ <math>\frac{5}{6}</math>  <math>\frac{2}{8}</math> _____ <math>\frac{8}{8}</math></p>	<p>11. If the perimeter of this triangle is 33 cm, what is the length of the missing side?</p> 	<p>12. Draw 5 beach balls. Color <math>\frac{1}{5}</math> of them red. Color <math>\frac{3}{5}</math> blue. Color <math>\frac{1}{5}</math> orange.</p>
<p>13.</p> $3 \times \underline{\quad} = 30 - 3$ $7 \times \underline{\quad} = 20 - 6$	<p>14.</p> $5 \times \underline{\quad} = 12 \times 5$ $9 \times \underline{\quad} = 32 + 4$	<p>15. What time is it?</p> 

## Multiplication Facts Practice Week #7

Set a timer for 5 minutes.

$4 \times 11 =$

$3 \times 12 =$

$4 \times 9 =$

$9 \times 10 =$

$8 \times 7 =$

$6 \times 11 =$

$6 \times 11 =$

$7 \times 10 =$

$6 \times 9 =$

$9 \times 6 =$

$9 \times 8 =$

$4 \times 10 =$

$9 \times 11 =$

$7 \times 12 =$

$4 \times 10 =$

$4 \times 9 =$

$7 \times 3 =$

$3 \times 10 =$

$9 \times 12 =$

$5 \times 10 =$

$4 \times 5 =$

$6 \times 10 =$

$7 \times 5 =$

$4 \times 6 =$

$9 \times 7 =$

$4 \times 8 =$

$9 \times 6 =$

$7 \times 11 =$

$6 \times 5 =$

$9 \times 6 =$

$7 \times 9 =$

$5 \times 6 =$

$7 \times 6 =$

$7 \times 7 =$

$5 \times 12 =$

$4 \times 5 =$

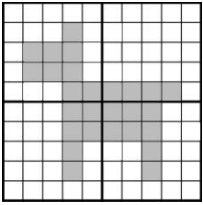
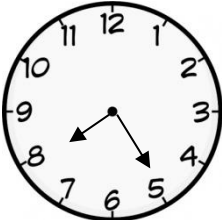
$6 \times 6 =$

$8 \times 6 =$

$4 \times 9 =$

$5 \times 5 =$



<p>1. Write these numbers from least to greatest.</p> <p>1,254    11,254    856</p> <p>_____</p>	<p>2.</p> $\begin{array}{r} 20 \\ \times 5 \\ \hline \end{array}$	<p>3.</p> <p>Write these numbers in expanded form.</p> <p>345 _____</p> <p>955 _____</p> <p>396 _____</p>
<p>4. What is the area of the puppy picture?</p>  <p>_____ square units</p>	<p>5. Fill in the missing numbers in the patterns.</p> <p>34, 39, _____, 49, _____</p> <p>89, 86, 83, _____, _____, _____</p>	<p>6. Write a multiplication problem for the following and solve.</p> <p><math>4 + 4 + 4 + 4</math> _____</p> <p><math>6 + 6 + 6 + 6 + 6</math> _____</p>
<p>7. Today Sydney bought a sandwich for \$3.59, soup for \$1.50 and lemonade for \$1.25. How much more did she pay for the sandwich than the soup?</p>	<p>8.</p> $\begin{array}{r} 924 \\ -295 \\ \hline \end{array}$	<p>9. J.T. begins reading at 5:00 PM. He reads for 1 hour and 20 minutes. At what time did he finish reading?</p>
<p>10.</p> <p>Write these numbers from greatest to least.</p> <p>678    786    687</p> <p>_____</p>	<p>11. What time is it? Write AM or PM - you are eating breakfast.</p> 	<p>12.</p> $\begin{array}{r} 936 \\ +522 \\ \hline \end{array}$
<p>13. The art class needs 18 tubes of paint. The tubes come in packs of three. How many packs does the class need?</p>	<p>14. Write the value of the underlined digits.</p> <p>3,<u>7</u>98 _____</p> <p>3,<u>0</u>73 _____</p>	<p>15. Which is an example of the Identity Property of Multiplication?</p> <p>A. <math>2 \times 6 = 12</math></p> <p>B. <math>4 \times 8 = 32</math></p> <p>C. <math>0 \times 4 = 0</math></p> <p>D. <math>5 \times 1 = 5</math></p>

# Division Facts Practice Week #8

Set a timer for 5 minutes.

$10 \overline{)20}$

$1 \overline{)7}$

$8 \overline{)40}$

$2 \overline{)18}$

$4 \overline{)24}$

$6 \overline{)54}$

$4 \overline{)12}$

$12 \overline{)12}$

$7 \overline{)63}$

$3 \overline{)33}$

$6 \overline{)36}$

$8 \overline{)32}$

$6 \overline{)48}$

$6 \overline{)30}$

$6 \overline{)54}$

$5 \overline{)20}$

$2 \overline{)16}$

$4 \overline{)28}$

$1 \overline{)9}$

$8 \overline{)32}$

$10 \overline{)30}$

$5 \overline{)15}$

$6 \overline{)42}$

$12 \overline{)12}$

$3 \overline{)6}$

$2 \overline{)24}$

$4 \overline{)48}$

$9 \overline{)54}$

$11 \overline{)33}$

$10 \overline{)50}$

$12 \overline{)60}$

$2 \overline{)4}$

$5 \overline{)15}$

$2 \overline{)20}$

$6 \overline{)42}$

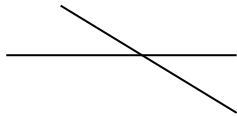
$3 \overline{)6}$

$7 \overline{)49}$

$8 \overline{)40}$

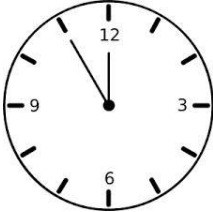
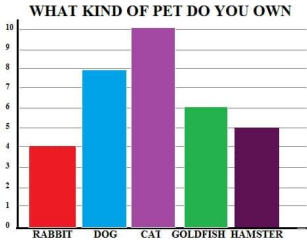

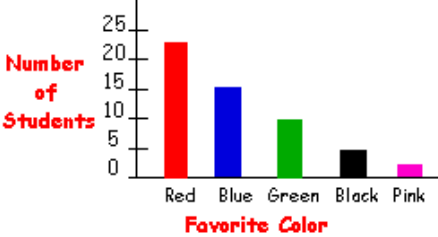
$5 \overline{)55}$

$5 \overline{)50}$

<p>1.</p> $\begin{array}{r} 123 \\ 456 \\ +789 \\ \hline 1,368 \end{array}$	<p>2.</p> $\begin{array}{r} 702 \\ -333 \\ \hline 369 \end{array}$	<p>3.</p> <p>Finish the fact family.</p> $6 \times 5 = 30$ $5 \times 6 = 30$ $30 \div 5 = 6$ $30 \div 6 = 5$
<p>4.</p> <p>Use Rounding to estimate the sum.</p> $\begin{array}{r} 28 \quad 30 \\ +44 \quad +40 \\ \hline 70 \end{array}$	<p>5.</p> <p>What is the value of the 7 in the number 1,378?</p> <p>70</p>	<p>6.</p> <p>Stuart has 204 marbles. Jack has 157 marbles. How many fewer does Jack have than Stuart?</p> <p>204-157=47 marbles</p>
<p>7.</p> <p>Ellen has 20 chocolate kisses to give equally to 4 friends. How many will each friend get?</p> <p>20 ÷ 4 = 5</p> <p>5 kisses</p>	<p>8.</p> $40 \times 7 = 280$	<p>9.</p> <p>Is the number 1,235 even or odd?</p> <p>odd</p>
<p>10.</p> $2 \times 12 = \underline{20} + 4$	<p>11. Are these lines intersecting or parallel?</p> <p>intersecting</p> 	<p>12.</p> <p>Draw a clock that shows 6:15. The long hand should be pointing to the 3 and the short hand should be pointing to the 6.</p>
<p>13.</p> <p>Sam left to go to Blue Bayou at 10:15am. He arrived at Blue Bayou at 11:35am. How long did it take to get there?</p> <p>1 hour and 20 minutes</p>	<p>14.</p> <p>Sam left Blue Bayou at 4:45pm. How long was Sam at the water park?</p> <p>5 hours and 10 minutes</p>	<p>15.</p> <p>Each side of a square is 6 centimeters long. What is the perimeter of the square?</p> <p>6 × 4 = 24 centimeters</p> <p>Or 6 + 6+6+6= 24</p>


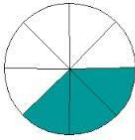
## Answer Key - Facts practice week #1

28	77	90	28
6	63	18	48
49	45	99	9
44	56	60	84
72	18	56	60
100	6	70	9
6	110	50	11
70	108	88	28
12	40	42	28
54	132	40	48

<p>1.</p> $\begin{array}{r} 48 \\ 54 \\ +275 \\ \hline 377 \end{array}$	<p>2.</p> $\begin{array}{r} 700 \\ -247 \\ \hline 453 \end{array}$	<p>3.</p> $\begin{array}{r} 509 \\ -247 \\ \hline 262 \end{array}$
<p>4.</p> $6 \times 50 = 300$	<p>5.</p>  <p>What time is it? <u>11:55</u></p>	<p>6.</p> <p>Write the multiplication fact family for 7,4,28.</p> $7 \times 4 = 28$ $4 \times 7 = 28$ $28 \div 7 = 4$ $28 \div 4 = 7$
<p>7.</p> 	<p>8.</p> <p>What is the most popular pet? <b>Cat</b></p> <p>What is the least popular pet? <b>Rabbit</b></p>	<p>9.</p> <p>Ruth, Pat, and Sara are collecting shells. Ruth has 27 shells. Pat has 32 shells. Sara has 16 shells. How many shells do Ruth and Sara have together?</p> $27 + 16 = 43 \quad \mathbf{43 \text{ shells}}$
<p>10.</p> <p>Use rounding to the highest place value to find the estimated difference.</p> $\begin{array}{r} 56 \quad 60 \\ -45 \quad -50 \\ \hline 10 \end{array}$	<p>11.</p> <p>Write this number in expanded form.</p> $356$ $300 + 50 + 6$	<p>12.</p> <p>Measure to the nearest inch.</p> <p><b>2 inches</b></p> <hr style="width: 20%; margin-left: auto; margin-right: 0;"/>
<p>13.</p> <p>Is this a ray or a line?</p> <p><b>ray</b></p> 	<p><b>Student's Favorite Color</b></p> 	<p>14. Use the graph to the left to answer the questions.</p> <p>How many students chose blue as the favorite color? <b>15</b></p> <p>Which color is the least favorite? <b>pink</b></p> <p>How many students chose green and blue together? <b>25</b></p>

## Answer Key - Division Facts Practice Week #2

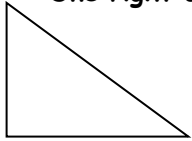
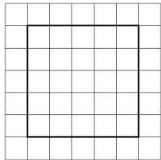
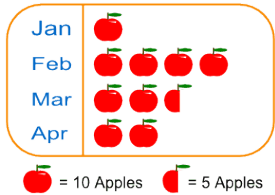
12	10	9	11
6	6	5	11
2	9	2	5
12	5	6	8
5	3	9	8
3	10	6	12
9	11	12	5
11	11	4	8
11	6	5	3
8	7	12	3

<p>1. Round to the nearest hundred.</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="padding-right: 20px;">872</td> <td>900</td> </tr> <tr> <td>232</td> <td>200</td> </tr> </table>	872	900	232	200	<p>2. Write the number in word form.</p> <p style="text-align: center;">745</p> <p style="text-align: center;"><b>seven hundred forty five</b></p>	<p>3.</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: right;">902</td> </tr> <tr> <td style="text-align: right;"><u>-646</u></td> </tr> <tr> <td style="text-align: right;"><b>256</b></td> </tr> </table>	902	<u>-646</u>	<b>256</b>
872	900								
232	200								
902									
<u>-646</u>									
<b>256</b>									
<p>4. What is the value of the underlined digit?</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;">89,<u>4</u>56</td> </tr> <tr> <td style="text-align: center;"><b>400</b></td> </tr> </table>	89, <u>4</u> 56	<b>400</b>	<p>5.</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: right;">\$4.92</td> </tr> <tr> <td style="text-align: right;"><u>+\$2.34</u></td> </tr> <tr> <td style="text-align: right;"><b>\$7.26</b></td> </tr> </table>	\$4.92	<u>+\$2.34</u>	<b>\$7.26</b>	<p>6. Find the perimeter.</p> <div style="text-align: center;">  <p style="margin-left: 100px;">4 in.</p> <p style="margin-left: 100px;">4 in.</p> </div> <p><b>16 inches (4 × 4)</b> <b>Or 4 + 4 + 4 + 4 = 16 inches</b></p>		
89, <u>4</u> 56									
<b>400</b>									
\$4.92									
<u>+\$2.34</u>									
<b>\$7.26</b>									
<p>7. Karen is collecting rose petals for a wedding. Each rose has 12 petals. How many petals will Karen get from 8 roses?</p> <p><b>12 × 8 = 96</b> <b>96 petals</b></p>	<p>8. Is this number even or odd?</p> <p style="text-align: center;">7,689</p> <p><b>odd</b></p>	<p>9.</p> <p><b>45 - 4 = 36 + 5</b></p>							
<p>10. Measure this line to the nearest centimeter.</p> <p><b>5 centimeters</b></p> <hr style="width: 100%; border: 0.5px solid black;"/>	<p>11. David's bedroom is 15 ft. wide and 10 ft. long. What is the area of David's bedroom?</p> <p><b>150 squared feet</b></p>	<p>12. What fraction of the shape is shaded?</p> <div style="text-align: center;">  </div> <p><b>3/8</b></p>							
<p>13. I am making a sign to advertise my new store. The sign has two pairs of parallel sides and four right angles. What is the shape of my sign? <b>rectangle</b></p>	<p>14.</p> <p style="text-align: center;"><b>9 × 40 = 360</b></p>	<p>15. Reed is going to bed 1 hour and 20 minutes past his bed time. His bed time is 9:30 pm. What time is he going to bed? <b>10:50 P.M.</b></p>							

## Answer Key - Multiplication Facts Practice Week #3


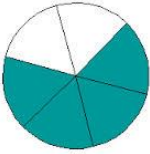
80	99	80	88
16	90	70	54
32	56	50	72
42	40	56	66
49	56	72	30
56	40	48	55
30	54	70	42
84	48	77	48
56	63	48	72
64	45	70	8



<p>1. Is the sum of 456 and 986 even or odd?</p> <p><b><math>456 + 986 = 1,442</math> even</b></p>	<p>2. 12 inches = 1 foot 3 feet = 1 yard</p> <p>Brandon is making a tree swing. He needs 12 feet of rope. How many yards should he buy?</p> <p><b><math>12 \div 3 = 4</math> yards</b></p>	<p>3. How many right angles does this shape have?</p> <p>One right angle</p> 
<p>4.</p> <p><math>9 \times 9 = 81</math></p> <p><math>84 = 12 \times 7</math></p>	<p>5. Find the area.</p>  <p><b>25 square units</b></p>	<p>6.</p> $\begin{array}{r} 301 \\ -158 \\ \hline 143 \end{array}$
<p>7. Jim has 45 baseball cards to put in his album. Each album page holds 9 cards. How many pages does he need?</p> <p><b><math>45 \div 9 = 5</math></b> <b>5 pages</b></p>	<p>8. Round to the highest place value.</p> <p>456      <b>500</b> 837      <b>40</b> 960      <b>1,000</b></p>	<p>9.</p> $\begin{array}{r} 557 \\ +842 \\ \hline 1,399 \end{array}$
<p>10. Eight cub scouts collected old newspapers for their recycling project. Each scout collected 12 loads of paper. How many loads did they collect in all?</p> <p><math display="block">\begin{array}{r} 12 \\ \times 8 \\ \hline 96 \end{array}</math> <p><b>96 loads</b></p> </p>	<p>11. Emily bought 2 bags of dog food that cost \$4 each. She also bought 3 dog treats that cost \$6 each. How much did Emily spend?</p> <p><math>2 \times 4 = 8</math>      <math>3 \times 6 = 18</math> <math>8 + 8 = 26</math>      <b>\$26</b></p>	<p>12.</p> <p><math>12 \times 3 = 6 + 30</math></p> <p><math>2 \times 11 = 20 + 2</math></p>
<p>13. What kind of graph is this?</p> <p>Pictograph</p>  <p><b>10 Apples</b>      <b>5 Apples</b></p>	<p>14. Use the graph in #13 to answer the following questions.</p> <p>How many apples were picked in March? <b>25</b></p> <p>In which month was the most apples picked? <b>February</b></p> <p>How many more apples were picked in February than in April? <b>20</b></p>	<p>15. Which is an example of the commutative property of multiplication?</p> <p><math>6 + 4 = 4 + 6</math> <math>4 \times 3 = 6 \times 2</math> <u><math>4 \times 6 = 6 \times 4</math></u></p>

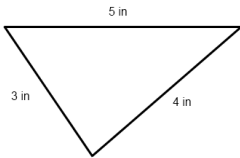
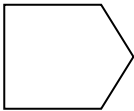
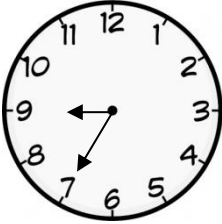
## Answer Key - Division Facts Practice Week #4

8	2	10	4
5	8	12	10
3	8	12	7
6	10	4	2
7	7	7	5
10	3	2	3
3	9	4	3
8	10	6	6
4	6	4	5
2	3	6	9

<p>1. What time is it? <b>2:30</b></p> 	<p>2. 4 quarts = 1 gallon</p> <p>Bryan is making 8 gallons of lemonade. How many quarts will that be?</p> <p><b><math>8 \times 4 = 32</math> quarts</b></p>	<p>3.</p> <p><b><math>9 \times 60 = 540</math></b></p>
<p>4.</p> $\begin{array}{r} 579 \\ 238 \\ + 374 \\ \hline 1,191 \end{array}$	<p>5.</p> <p>Skip count by 3s.</p> <p>Start at 57 and end at 72.</p> <p><b>57,60,63,66,69,72</b></p>	<p>6.</p> <p>Write this number in standard form.</p> <p><math>500 + 60 + 5</math></p> <p><b>565</b></p>
<p>7. What fraction is shaded?</p>  <p><b>4/6</b></p>	<p>8.</p> $\begin{array}{r} 614 \\ -288 \\ \hline 326 \end{array}$	<p>9.</p> <p>Use the Distributive Property to show <math>8 \times 14</math>.</p> <p><b>One way:</b></p> <p><b><math>(8 \times 10) + (8 \times 4)</math></b></p> <p><b><math>80 + 32</math></b></p> <p><b>112</b></p>
<p>10.</p> <p>I am framing a picture. It will be a square with 5 inch sides. What is the perimeter of the frame?</p> <p><b><math>4 \times 5 = 20</math> inches</b></p>	<p>11. J.T. read 15 books this summer. He read the same number of books each month for 3 months. How many books did he read each month?</p> <p><b><math>15 \div 3 = 5</math> books</b></p>	<p>12.</p> <p>Find the variable.</p> <p><b><math>F \times 7 = 35</math></b></p> <p><b><math>F = 5</math></b></p>
<p>13.</p> <p>Write <math>&lt;</math>, <math>&gt;</math> or <math>=</math></p> <p>239 <math>&gt;</math> 231</p> <p>4,798 <math>&lt;</math> 5,982</p> <p>8,900 <math>&gt;</math> 8,299</p>	<p>14.</p> <p>Write the multiplication fact family for 12, 3, 36.</p> <p><b><math>12 \times 3 = 36</math></b></p> <p><b><math>3 \times 12 = 36</math></b></p> <p><b><math>36 \div 12 = 3</math></b></p> <p><b><math>36 \div 3 = 12</math></b></p>	<p>15.</p> <p><b><math>4 \times 12 = 6 \times 8</math></b></p> <p><b><math>123 + 17 = 95 + 45</math></b></p>


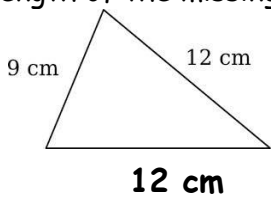
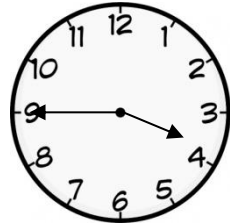
## Answer Key - Multiplication Facts practice week #5

56	18	120	88
21	70	81	54
99	110	44	72
30	27	18	84
55	12	99	56
48	36	12	8
81	88	20	132
72	100	80	96
80	80	88	33
12	81	36	110

<p>1. Reed has \$10.00. He wants to buy two packs of ping pong balls. Each pack costs \$3.28. He also needs a paddle that costs \$1.99. Does he have enough money? <b>Yes</b></p> <p><b><math>\\$3.28 + \\$3.28 + \\$1.99 = \\$8.55</math></b></p>	<p>2. How much change will Reed get in question #1?</p> <p><b><math>\\$10.00 - \\$8.55 = \\$1.45</math></b></p>	<p>3.</p> <p style="text-align: right;"><b><math>\\$5.00</math></b> <b><math>-\\$2.74</math></b> <b><math>\\$2.26</math></b></p>
<p>4. Put these fractions in order from greatest to least.</p> <p>2/5    1/5    4/5</p> <p><b>4/5    2/5    1/5</b></p>	<p>5. Is the difference of 871 and 234 even or odd?</p> <p><b><math>871 - 234 = 637</math> odd</b></p>	<p>6. Lauren bought a large pack of stickers. It contained 9 sheets with 6 stickers on each sheet. How many stickers did the pack contain?</p> <p><b><math>9 \times 6 = 54</math> stickers</b></p>
<p>7.</p> <p style="text-align: center;"><b><math>\begin{array}{r} 739 \\ +586 \\ \hline 1,325 \end{array}</math></b></p>	<p>8. Find the perimeter.</p> <div style="text-align: center;">  </div> <p><b><math>5 + 4 + 3 = 12</math> inches</b></p>	<p>9. Round to the nearest dollar.</p> <p><b><math>\\$4.66</math>    <math>\\$5.00</math></b> <b><math>\\$7.09</math>    <math>\\$7.00</math></b> <b><math>\\$1.56</math>    <math>\\$2.00</math></b></p>
<p>10. The pet shelter bought 85 pounds of dog food, 50 pounds of cat food, and 15 pounds of gerbil food. How many pounds of animal food did the shelter buy?</p> <p><b><math>85 + 50 + 15 = 150</math> pounds</b></p>	<p>11. Estimate the sum by rounding to the highest place value.</p> <p style="text-align: center;"><b><math>\begin{array}{r} 479 \\ +89 \\ \hline \end{array}</math>    <math>\begin{array}{r} 500 \\ +90 \\ \hline 590 \end{array}</math></b></p>	<p>12. What is another way to group the factors? <b><math>(9 \times 2) \times 2</math>    <math>9 \times (2 \times 2)</math></b></p> <p>What is the product?</p> <p><b>36</b></p>
<p>13. How many angles does this shape have? <b>5 angles</b></p> <div style="text-align: center;">  </div>	<p>14. Draw hands to show 9:35.</p> <div style="text-align: center;">  </div>	<p>15. 16 ounces = 1 pound</p> <p>Vincent ate 3 pounds of bananas last week. How many ounces did he eat?</p> <p><b><math>16 + 16 + 16 = 48</math> ounces or <math>16 \times 3 = 48</math> ounces</b></p>

## Answer Key - Division Facts Practice week #6

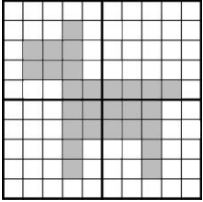
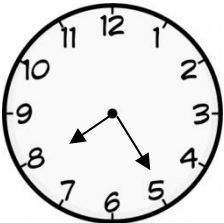
11	3	7	4
5	2	6	11
7	5	3	6
2	8	12	5
5	3	5	1
12	2	11	6
8	7	6	3
5	5	6	4
8	6	4	6
5	4	4	1

<p>1. Draw 4 trees. Color <math>\frac{3}{4}</math> of them.</p> 	<p>2.</p> $\begin{array}{r} 1,107 \\ -398 \\ \hline 709 \end{array}$	<p>3. Round to the nearest hundred.</p> <p>473    500 824    800 656    700</p>
<p>4. The movie will start at 4:15. It takes 30 minutes to get to the movie theater. What time should you leave your house?</p> <p><b>3:45</b></p>	<p>5.</p> $6 \times 6 = 12 \times 3$ $9 \times 6 = 54 - 4$	<p>6.</p> $\begin{array}{r} 800 \\ -744 \\ \hline 56 \end{array}$
<p>7. Josh is sharing 64 marshmallows equally among 8 campers. How many will each camper get?</p> <p><b><math>64 \div 8 = 8</math></b></p>	<p>8.</p> $\begin{array}{r} 459 \\ +932 \\ \hline 1,391 \end{array}$	<p>9. Erin practices violin for 50 minutes every day. How many minutes does Erin practice violin in 7 days?</p> <p><b><math>50 \times 7 = 350</math></b> <b>350 minutes</b></p>
<p>10. Write <math>&gt;</math>, <math>&lt;</math> or <math>=</math></p> <p><math>\frac{2}{4} &gt; \frac{1}{4}</math> <math>\frac{3}{6} &lt; \frac{5}{6}</math> <math>\frac{2}{8} &lt; \frac{8}{8}</math></p>	<p>11. If the perimeter of this triangle is 33 cm, what is the length of the missing side?</p>  <p><math>12 + 9 = 21</math> <math>21 + \underline{\quad} = 33</math></p>	<p>12. Draw 5 beach balls. Color <math>\frac{1}{5}</math> of them red. Color <math>\frac{3}{5}</math> blue. Color <math>\frac{1}{5}</math> orange.</p> <p><b>1 red</b> <b>3 blue</b> <b>1 orange</b></p>
<p>13.</p> <p><math>3 \times \underline{9} = 30 - 3</math> <math>7 \times \underline{2} = 20 - 6</math></p>	<p>14.</p> <p><math>5 \times \underline{12} = 12 \times 5</math> <math>9 \times \underline{4} = 32 + 4</math></p>	<p>15. What time is it?</p>  <p><b>3:45</b></p>

## Answer Key - Multiplication Facts Practice week #7

44	36	36	90
56	66	66	70
54	54	72	40
99	84	40	36
21	30	108	50
20	60	35	24
63	32	54	77
30	54	63	30
42	49	60	20
36	48	36	25



<p>1. Write these numbers from least to greatest.</p> <p>1,254    11,254    856</p> <p><b>856    1,254    11,254</b></p>	<p>2.</p> $\begin{array}{r} 20 \\ \times 5 \\ \hline 100 \end{array}$	<p>3.</p> <p>Write these numbers in expanded form.</p> <p>345    <b>300+40+5</b></p> <p>955    <b>900+50+5</b></p> <p>396    <b>300+90+6</b></p>
<p>4. What is the area of the puppy picture?</p>  <p><b>27</b> square units</p>	<p>5. Fill in the missing numbers in the patterns.</p> <p>34, 39, <b>44</b>, 49, <b>54</b></p> <p>89, 86, 83, <b>80</b>, <b>77</b>, <b>74</b></p>	<p>6. Write a multiplication problem for the following and solve.</p> <p>4 + 4 + 4 + 4    <b>4 x 4 = 16</b></p> <p>6 + 6 + 6 + 6 + 6    <b>6 x 5 = 30</b></p>
<p>7. Today Sydni bought a sandwich for \$3.59, soup for \$1.50 and lemonade for \$1.25. How much more did she pay for the sandwich than the soup?</p> $\begin{array}{r} \$3.59 \\ -\$1.50 \\ \hline \$2.09 \end{array}$	<p>8.</p> $\begin{array}{r} 924 \\ -295 \\ \hline 629 \end{array}$	<p>9. J.T. begins reading at 5:00 PM. He reads for 1 hour and 20 minutes. At what time did he finish reading?</p> <p><b>6:20 PM</b></p>
<p>10.</p> <p>Write these numbers from greatest to least.</p> <p>678    786    687</p> <p><b>786    687    678</b></p>	<p>11. What time is it? Write AM or PM - you are eating breakfast.</p> <p>8:25 AM</p> 	<p>12.</p> $\begin{array}{r} 936 \\ +522 \\ \hline 1,458 \end{array}$
<p>13. The art class needs 18 tubes of paint. The tubes come in packs of three. How many packs does the class need?</p> <p><b>18 ÷ 3 = 6 packs</b></p>	<p>14. Write the value of the underlined digits.</p> <p>3,<u>7</u>98    <b>90</b></p> <p>3,<u>0</u>73    <b>0</b></p>	<p>15. Which is an example of the Identity Property of Multiplication?</p> <p>A. 2 x 6 = 12</p> <p>B. 4 x 8 = 32</p> <p>C. 0 x 4 = 0</p> <p>D. <u>5 x 1 = 5</u></p>

## Answer Key - Multiplication Facts Practice week #8

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