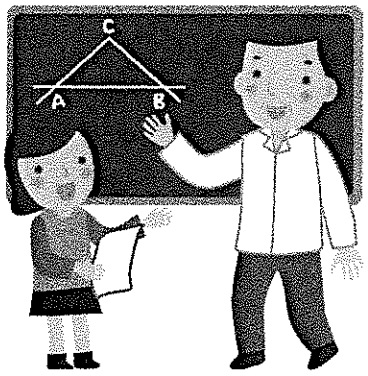
Name _____

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# Summer Math Packet Entering 4th Grade



Dear Parents,

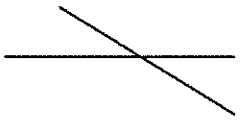
The summer math packet is due by the first day of school. The intention of the summer math packet is to provide consistent math practice for your child to maintain math skills learned. Please have your child do one page of skill practice and one page of math fact practice each week of the summer. If your child has trouble remembering how to do a problem, refer to his/her math notebook. If your child still cannot remember how to solve a problem, I would recommend highlighting that problem so that concept can be reviewed in the first few weeks of school.

Thank you,

Mandy Kaczor

4th Grade Math

Week 1

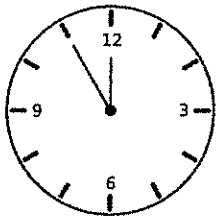
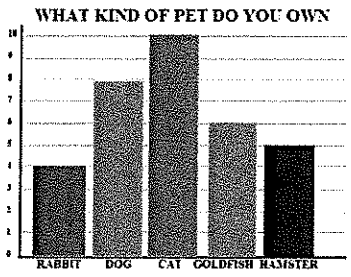
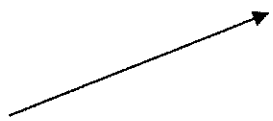
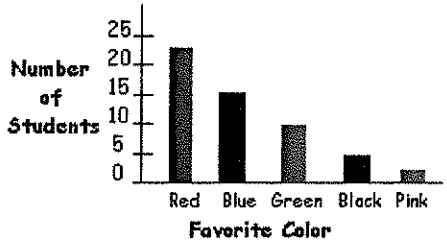
| | | |
|---|---|---|
| 1.<br>123<br>456<br>+789 | 2.<br>702<br>-333 | 3.<br>Finish the fact family.<br>6 x 5 = ____<br>____x____=____<br>____÷____=____<br>____÷____=____ |
| 4.<br>Use Rounding to the highest place value to estimate the sum.<br>28<br>+ 44 | 5.<br>What is the value of the 7 in the number 1,378? | 6.<br>Stuart has 204 marbles. Jack has 157 marbles. How many fewer does Jack have than Stuart? |
| 7.<br>Ellen has 20 chocolate kisses to give equally to 4 friends. How many will each friend get? | 8.<br>7 x 40 = | 9.<br>Is the number 1,235 even or odd? |
| 10.<br>2 x 12 = ____ + 4 | 11. Are these lines intersecting or parallel?<br> | 12.<br>Draw a clock that shows 6:15. |
| 13.<br>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? | 14.<br>Sam left Blue Bayou at 4:45pm. How long was he at the water park? | 15.<br>Each side of a square is 6 centimeters long. What is the perimeter of the square? |

Multiplication Facts Practice Week 1

Set a timer for 5 minutes

| | | | |
|---|---|---|---|
| 4x7= | 7x11= | 9x10= | 7x4= |
| 3x2= | 7x9= | 2x9= | 8x6= |
| 7x7= | 5x9= | 9x11= | 3x3= |
| 4x11= | 7x8= | 6x10= | 12x7= |
| 9x8= | 2x9= | 7x8= | 10x6= |
| 10x10= | 3x2= | 7x10= | 1x9= |
| 2x3= | 10x11= | 10x5= | 11x1= |
| 10x7= | 9x12= | 11x8= | 7x4= |
| 1x12= | 10x4= | 6x7= | 4x7= |
| 6x9= | 12x11= | 5x8= | 12x4= |

Week 2

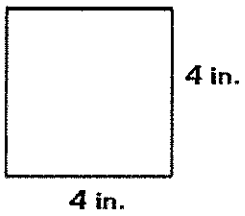
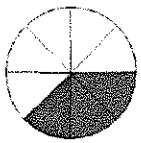
| | | |
|---|---|---|
| 1.<br>48<br>54<br>+275 | 2.<br>700<br>-247 | 3.<br>509<br>-247 |
| 4.<br>6 x 50 = | 5.<br><br><br>What time is it? _____ | 6.<br>Write the multiplication fact family for 7,4,28. |
| 7.<br><br> | 8.<br>What is the most popular pet?<br><br>What is the least popular pet? | 9.<br>Ruth, 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? |
| 10.<br>Use rounding to the highest place value to find the estimated difference.<br>56<br>-45 | 11.<br>Write this number in expanded form.<br>356 | 12.<br>Measure to the nearest inch.<br><br>_____ |
| 13.<br>Is this a ray or a line?<br> | Student's Favorite Color<br><br> | 14. Use the graph to the left to answer the questions.<br>How many students chose blue as the favorite color? _____<br>Which color is the least favorite?_____<br>How many students chose green and blue together?_____ |

Division Facts Practice Week #2

Set a timer for 5 minutes.

| | | | |
|---|---|---|---|
| $6\overline{)72}$ | $6\overline{)60}$ | $2\overline{)18}$ | $5\overline{)55}$ |
| $4\overline{)24}$ | $7\overline{)42}$ | $8\overline{)40}$ | $7\overline{)77}$ |
| $2\overline{)4}$ | $1\overline{)9}$ | $4\overline{)8}$ | $2\overline{)10}$ |
| $7\overline{)84}$ | $8\overline{)40}$ | $6\overline{)36}$ | $2\overline{)16}$ |
| $11\overline{)55}$ | $2\overline{)6}$ | $8\overline{)72}$ | $11\overline{)88}$ |
| $6\overline{)18}$ | $8\overline{)80}$ | $2\overline{)12}$ | $3\overline{)36}$ |
| $1\overline{)9}$ | $3\overline{)33}$ | $2\overline{)24}$ | $5\overline{)25}$ |
| $2\overline{)22}$ | $1\overline{)11}$ | $2\overline{)8}$ | $11\overline{)88}$ |
| $3\overline{)33}$ | $11\overline{)66}$ | $1\overline{)5}$ | $4\overline{)12}$ |
| $4\overline{)32}$ | $1\overline{)7}$ | $11\overline{)132}$ | $11\overline{)33}$ |

Week 3

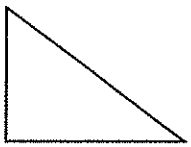
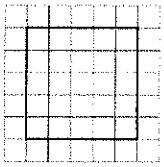
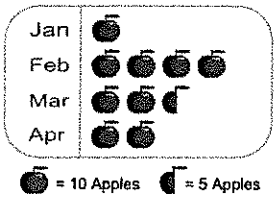
| | | |
|---|---|---|
| 1.<br>Round to the nearest hundred.<br>872 _____<br>232 _____ | 2.<br>Write the number in word form.<br>745 | 3.<br>902<br>-646 |
| 4.<br>What is the value of the underlined digit?<br>9,456 | 5.<br>$4.92<br>+$2.34 | 6. Find the perimeter.<br><br><br>_____ inches |
| 7.<br>Karen is collecting rose petals for a wedding. Each rose has 12 petals. How many petals will Karen get from 8 roses? | 8.<br>Is this number even or odd?<br>689 | 9.<br>45 - 4 = 36 + _____ |
| 10.<br>Measure this line to the nearest centimeter.<br>_____ | 11.<br>David's bedroom is 15 ft. wide and 10 ft. long. What is the area of David's bedroom? | 12. What fraction of the shape is shaded?<br> |
| 13.<br>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? | 14.<br>9 x 40 = | 15.<br>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? |

Multiplication Facts Practice Week #3

Set a timer for 5 minutes.

| | | | |
|---|---|---|---|
| 10x8= | 11x9= | 10x8= | 11x8= |
| 2x8= | 10x9= | 10x7= | 9x6= |
| 4x8= | 8x7= | 10x5= | 8x9= |
| 6x7= | 8x5= | 8x7= | 11x6= |
| 7x7= | 7x8= | 8x9= | 6x5= |
| 8x7= | 8x5= | 8x6= | 11x5= |
| 6x5= | 6x9= | 10x7= | 6x7= |
| 12x7= | 6x8= | 11x7= | 8x6= |
| 7x8= | 7x9= | 6x8= | 9x8= |
| 8x8= | 9x5= | 10x7= | 1x8= |

Week 4

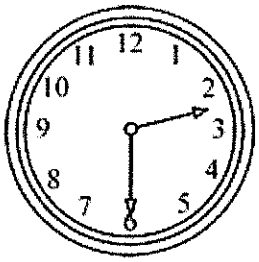
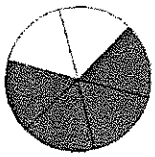
| | | |
|---|---|---|
| 1. Is the sum of 456 and 986 even or odd? | 2. There are 3 feet in a yard. Brandon is making a tree swing. He needs 12 feet of rope. How many yards should he buy? | 3. How many right angles does this shape have?  |
| 4. $9 \times ____ = 81$ <br> $84 = 12 \times ____$ | 5. Find the area.  <br> _____ square units | 6. <br> 301 <br> -158 |
| 7. Jim has 45 baseball cards to put in his album. Each album page holds 9 cards. How many pages does he need? | 8. Round to the highest place value. <br> 456 _____ <br> 37 _____ <br> 960 _____ | 9. <br> 557 <br> +842 |
| 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? | 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? | 12. <br> $12 \times 3 = 6 + ___$ <br> $2 \times 11 = 20 + ___$ |
| 13. What kind of graph is this?   | 14. Use the graph in #13 to answer the following questions. <br> How many apples were picked in March? _____ <br> In which month was the most apples picked? _____ <br> How many more apples were picked in February than in April? _____ | 15. Which is an example of the commutative property of multiplication? <br> $6 + 4 = 4 + 6$ <br> $4 \times 3 = 6 \times 2$ <br> $4 \times 6 = 6 \times 4$ |

Division Facts Practice Week #4

Set a timer for 5 minutes.

| | | | |
|---|---|---|---|
| $11\overline{)88}$ | $6\overline{)12}$ | $6\overline{)60}$ | $5\overline{)20}$ |
| $9\overline{)45}$ | $10\overline{)80}$ | $4\overline{)48}$ | $8\overline{)80}$ |
| $7\overline{)21}$ | $8\overline{)64}$ | $8\overline{)96}$ | $8\overline{)56}$ |
| $5\overline{)30}$ | $10\overline{)100}$ | $7\overline{)28}$ | $9\overline{)18}$ |
| $7\overline{)49}$ | $9\overline{)63}$ | $8\overline{)56}$ | $5\overline{)25}$ |
| $8\overline{)80}$ | $5\overline{)15}$ | $9\overline{)18}$ | $8\overline{)24}$ |
| $3\overline{)9}$ | $11\overline{)99}$ | $3\overline{)12}$ | $4\overline{)12}$ |
| $10\overline{)80}$ | $10\overline{)100}$ | $11\overline{)66}$ | $5\overline{)30}$ |
| $4\overline{)16}$ | $11\overline{)66}$ | $7\overline{)28}$ | $8\overline{)40}$ |
| $7\overline{)14}$ | $11\overline{)33}$ | $5\overline{)30}$ | $4\overline{)36}$ |

Week 5

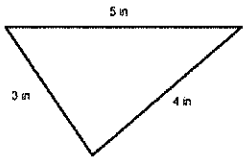
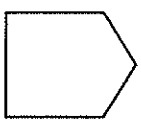
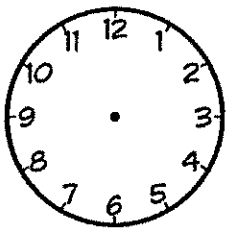
| | | |
|---|---|---|
| 1. What time is it?<br> | 2. There are 4 quarts in each gallon of lemonade. Bryan is making 8 gallons of lemonade. How many quarts will that be? | 3.<br>9 x 60 = |
| 4.<br>579<br>238<br>+ 374 | 5.<br>Skip count by 3s.<br>Start at 57 and end at 72.<br>_____ | 6.<br>Write this number in standard form.<br>500 + 60+ 5 |
| 7. What fraction is shaded?<br> | 8.<br>614<br>-288 | 9.<br>Use the Distributive Property to show 8 x 14. |
| 10.<br>I am framing a picture. It will be a square with 5 inch sides. What is the perimeter of the frame? | 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? | 12.<br>Find the variable.<br>F x 7 =35<br>F = ____ |
| 13.<br>Write < , > or =<br>239 _____ 231<br>4,798 _____ 5,982<br>8,900 _____ 8,299 | 14.<br>Write the multiplication fact family for 12, 3, 36. | 15.<br>4 x 12 = 6 x ____<br>123 + 17 = _____ + 45 |

Multiplication Facts Practice Week #5

Set a timer for 5 minutes

| | | | |
|---|---|---|---|
| 7x8= | 3x6= | 10x12= | 8x11= |
| 3x7= | 10x7= | 9x9= | 9x6= |
| 9x11= | 10x11= | 4x11= | 8x9= |
| 6x5= | 3x9= | 2x9= | 12x7= |
| 11x5= | 4x3= | 9x11= | 8x7= |
| 6x8= | 3x12= | 4x3= | 4x2= |
| 9x9= | 11x8= | 4x5= | 12x11= |
| 9x8= | 10x10= | 10x8= | 8x12= |
| 8x10= | 8x10= | 8x11= | 3x11= |
| 4x3= | 9x9= | 3x12= | 10x11= |

Week 6

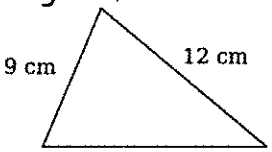
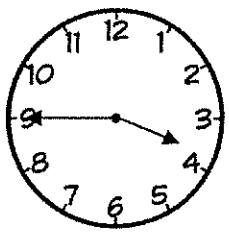
| | | |
|---|---|---|
| 1. Reed has $10.00. He wants to buy two packs of ping pong balls. Each pack costs $3.28. He also needs a paddle that costs $1.99. Does he have enough money? | 2. How much change will Reed get in question #1? | 3.<br>$5.00<br>-$2.74 |
| 4.<br>Put these fractions in order from greatest to least.<br>2/5 1/5 4/5 | 5.<br>Is the difference of 871 and 234 even or odd? | 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? |
| 7.<br>739<br>+586 | 8. Find the perimeter.<br> | 9. Round to the nearest dollar.<br>$4.66 _____<br>$7.09 _____<br>$1.56 _____ |
| 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? | 11. Estimate the sum by rounding to the highest place value.<br>479<br>+89 | 12. What is another way to group the factors?<br>(9 x 2) x 2 _____<br>What is the product?<br>_____ |
| 13. How many angles does this shape have?<br> | 14. Draw hands to show 9:35.<br> | 15. 16 ounces = 1 pound<br>Vincent ate 3 pounds of bananas last week. How many ounces did he eat? |

Division Fact Practice Week #6

Set a timer for 5 minutes.

| | | | |
|---|---|---|---|
| $2\overline{)22}$ | $11\overline{)33}$ | $10\overline{)70}$ | $11\overline{)44}$ |
| $3\overline{)15}$ | $11\overline{)22}$ | $11\overline{)66}$ | $6\overline{)66}$ |
| $7\overline{)49}$ | $5\overline{)25}$ | $12\overline{)36}$ | $2\overline{)12}$ |
| $7\overline{)14}$ | $7\overline{)56}$ | $3\overline{)36}$ | $8\overline{)40}$ |
| $9\overline{)45}$ | $10\overline{)30}$ | $4\overline{)20}$ | $12\overline{)12}$ |
| $5\overline{)60}$ | $12\overline{)24}$ | $6\overline{)66}$ | $4\overline{)24}$ |
| $9\overline{)72}$ | $12\overline{)84}$ | $11\overline{)66}$ | $11\overline{)33}$ |
| $10\overline{)50}$ | $12\overline{)60}$ | $10\overline{)60}$ | $5\overline{)20}$ |
| $4\overline{)32}$ | $10\overline{)60}$ | $6\overline{)24}$ | $3\overline{)18}$ |
| $11\overline{)55}$ | $12\overline{)48}$ | $9\overline{)36}$ | $9\overline{)9}$ |

Week 7

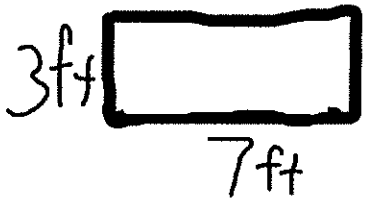
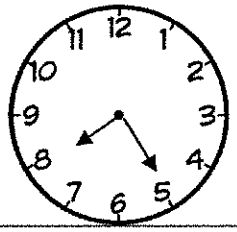
| | | |
|---|---|---|
| 1. Draw 4 trees. Color $\frac{3}{4}$ of them. | 2.<br>1,107<br>-398 | 3. Round to the nearest hundred.<br>473 ____<br>824 ____<br>656 ____ |
| 4. The movie will start at 4:15. It takes 30 minutes to get to the movie theater. What time should you leave your house? | 5.<br>6 x ____ = 12 x3<br>9 x ____ = 58 - 4 | 6.<br>800<br>-744 |
| 7. Josh is sharing 64 marshmallows equally among 8 campers. How many will each camper get? | 8.<br>459<br>+932 | 9. Erin practices violin for 50 minutes every day. How many minutes does Erin practice violin in 7 days? |
| 10. Write > , < or =<br>2/4 ____ 1/4<br>3/6 ____ 5/6<br>2/8 ____ 8/8 | 11. If the perimeter of this triangle is 33 cm, what is the length of the missing side?<br> | 12. Draw 5 beach balls. Color 1/5 of them red. Color 3/5 blue. Color 1/5 orange. |
| 13.<br>3 x ____ = 30 - 3<br>7 x ____ = 20 - 6 | 14.<br>5 x ____ = 12 x 5<br>9 x ____ = 32 + 4 | 15. What time is it?<br> |

Multiplication Facts Practice Week #7

Set a timer for 5 minutes.

| | | | |
|---|---|---|---|
| 4x11= | 3x12= | 4x9= | 9x10= |
| 8x7= | 6x11= | 6x11= | 7x10= |
| 6x9= | 9x6= | 9x8= | 4x10= |
| 9x11= | 7x12= | 4x10= | 4x9= |
| 7x3= | 3x10= | 9x12= | 5x10= |
| 4x5= | 6x10= | 7x5= | 4x6= |
| 9x7= | 4x8= | 9x6= | 7x11= |
| 6x5= | 9x6= | 7x9= | 5x6= |
| 7x6= | 7x7= | 5x12= | 4x5= |
| 6x6= | 8x6= | 4x9= | 5x5= |

Week 8

| | | |
|---|---|---|
| 1. Write these numbers from least to greatest.<br><br>1,254 11,254 856<br><br>_____ | 2.<br><br>20<br>x 5 | 3.<br>Write these numbers in expanded form.<br><br>345 _____<br>955 _____<br>396 _____ |
| 4. What is the area<br><br><br><br><br>_____ square units | 5. Fill in the missing<br><br>numbers in the patterns.<br><br>34, 39, ____, 49, ____<br><br>89, 86, 83, ____, ____, ____ | 6. Write a multiplication problem for the following and solve.<br>4 + 4 + 4 + 4 _____<br><br>6 + 6 + 6 + 6 + 6 _____ |
| 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? | 8.<br><br>924<br>-295 | 9. J.T. begins reading at 5:00 PM. He reads for 1 hour and 20 minutes. At what time did he finish reading? |
| 10.<br>Write these numbers from greatest to least.<br><br>678 786 687<br><br>_____ | 11. What time is it? Write AM or PM - you are eating breakfast.<br><br> | 12.<br><br>936<br>+522 |
| 13. The art class needs 18 tubes of paint. The tubes come in packs of three. How many packs does the class need? | 14. Write the value of the underlined digits.<br><br>3,798 _____<br><br>3,073 _____ | 15. Which is an example of the Identity Property of Multiplication?<br><br>A. 2 x 6 = 12<br>B. 4 x 8 =32<br>C. 0 x 4 = 0<br>D. 5 x 1 = 5 |

Division Facts Practice Week #8 Set a timer for 5 minutes.

| | | | |
|---|---|---|---|
| $10\overline{)20}$ | $1\overline{)7}$ | $8\overline{)40}$ | $2\overline{)18}$ |
| $4\overline{)24}$ | $6\overline{)54}$ | $4\overline{)12}$ | $12\overline{)12}$ |
| $7\overline{)63}$ | $3\overline{)33}$ | $6\overline{)36}$ | $8\overline{)32}$ |
| $6\overline{)48}$ | $6\overline{)30}$ | $6\overline{)54}$ | $5\overline{)20}$ |
| $2\overline{)16}$ | $4\overline{)28}$ | $1\overline{)9}$ | $8\overline{)32}$ |
| $10\overline{)30}$ | $5\overline{)15}$ | $6\overline{)42}$ | $12\overline{)12}$ |
| $3\overline{)6}$ | $2\overline{)24}$ | $4\overline{)48}$ | $9\overline{)54}$ |
| $11\overline{)33}$ | $10\overline{)50}$ | $12\overline{)60}$ | $2\overline{)4}$ |
| $5\overline{)15}$ | $2\overline{)20}$ | $6\overline{)42}$ | $3\overline{)6}$ |
| $7\overline{)49}$ | $8\overline{)40}$ | $5\overline{)55}$ | $5\overline{)50}$ |