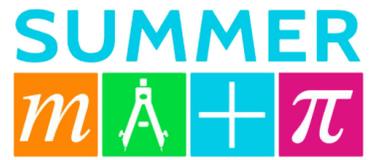


Name _____



**Summer Math Review Questions
Rising 5th Grade**

This packet is to help you keep your math skills sharp over the summer break and is due when we return to school in September. Work should be completed on a separate piece of paper. Please show all work when possible. You are encouraged to complete a few questions each week and should not wait until the end of summer to complete everything. It is okay to ask for help from an adult!

Number Sense

- 1.) Write this number in standard form: $600,000 + 7,000 + 200 + 40 + 1$
- 2.) I am a number between 60 and 70. I am a multiple of 8. What number am I?
- 3.) Write this number in word form: 340,216
- 4.) List all of the factors of 56 in order from least to greatest.
- 5.) Round this number to the nearest 1,000- 980,605
- 6.) Which number is less? 142,086 or 142,680
- 7.) What are the next four multiples of 6? 6, 12, ____, ____, ____, ____.
- 8.) What is the value of the underlined digit? 712,984
- 9.) Write this number in expanded form: $500,000 + 50,000 + 0 + 100 + 70 + 2$
- 10.) The value of the 3 in 834,175 is ten times the value of the 3 in _____. 369,285 or 253,179
- 11.) Round to the nearest 10,000- 775,120
- 12.) Which number is greater? 639,844 or 639,851
- 13.) The rule is subtract 7. The starting number is 92.
What are the next three numbers? 92, ____, ____, ____
- 14.) List all of the prime numbers from 70 to 80.
- 15.) List all of the composite numbers from 50 to 60.

Problem Solving

- 1.) Estimate (Before adding, round each number to its greatest place value.)

$$\begin{array}{r} 519,421 \quad \rightarrow \\ + 178,056 \quad \rightarrow \quad + \\ \hline \end{array}$$

- 2.) Solve. $869 \div 3$

- 3.) Estimate. (Before subtracting, round each number to its greatest place value.)

$$\begin{array}{r} 923,753 \quad \rightarrow \\ - 408,964 \quad \rightarrow \quad - \\ \hline \end{array}$$

- 4.) Estimate. (Before multiplying, round the multi-digit factor to its greatest place value)

$$\begin{array}{r} 8,159 \quad \rightarrow \\ \mathbf{x} \quad 7 \quad \quad \quad \mathbf{x} \quad 7 \\ \hline \end{array}$$

- 5.) Solve. $478,395 + 236,240$

- 6.) Estimate. (Before dividing, round the dividend to the nearest thousand.)

$$3,695 \div 5$$

- 7.) _____ is twice as many as 4.

- 8.) Solve. $795,046 - 58,937 =$

- 9.) $4,409 \times 8 =$

- 10.) Solve. $657,247 + 49,051 + 102,886 =$

- 11.) Solve. $1,172 \div 7 =$

12.) Estimate (Before multiplying, round each number to its greatest place value.)

$$\begin{array}{r} 72 \rightarrow \\ \times 38 \rightarrow \end{array} \quad \begin{array}{r} \\ \end{array}$$

13.) Solve. $9,257 \div 6$

14.) Solve. 68×94

15.) Solve. 73×25

16.) Complete the function table.

In	Out
3	24
5	40
7	?

17.) Solve. $36,117 + ? = 80,425$

18.) Solve. $? - 14,799 = 52,366$

19.) Solve. $70,000 - 35,612$

20.) Solve. $800,000 - 419,581$

Fractions

1.) What denominator makes these fractions equivalent? Hint- Think $2 \times ? = 4$ then use what ever that number was and multiply it by 5. We have to multiply the top and the bottom by the same number.

$$\frac{2}{5} = \frac{4}{?}$$

2.) Write 0.2 as a fraction.

3.) Write $\frac{9}{100}$ as a decimal.

4.) Solve. $2\frac{2}{10} + 4\frac{7}{10}$

5.) Solve. $\frac{7}{100} + \frac{6}{10}$

6.) Decompose $\frac{4}{5} = \frac{\quad}{5} + \frac{\quad}{5} + \frac{\quad}{5} + \frac{\quad}{5}$

7.) Compare the decimals using either $<$, $=$, $>$. $0.6 \underline{\quad} 0.58$

8.) Which fraction is less?

$\frac{2}{5}$ OR $\frac{1}{6}$

9.) $\frac{3}{6} + 2\frac{5}{6}$

10.) Solve. $7 - 5\frac{3}{4}$

11.) Solve. $3\frac{9}{12} + 1\frac{5}{12}$

12.) Solve. $\frac{5}{10} + \frac{29}{100}$

13.) Solve. $\frac{3}{1} \times \frac{9}{10}$

14.) Compare the decimals using either $<$, $=$, $>$. $0.07 \underline{\quad} 0.3$

15.) Write $\frac{82}{100}$ as a decimal.

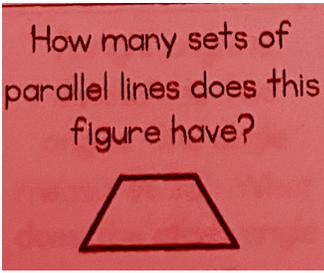
16.) Write 0.04 as a fraction.

17.) Which is greater?

0.5 or $\frac{48}{100}$

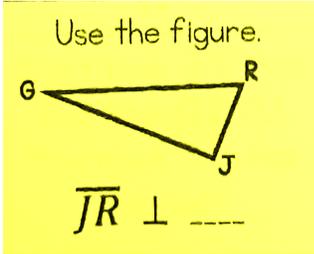
Geometry

- 1.) How many sets of parallel lines does this figure have?



Hint- Parallel lines will never touch each other.

- 2.) Use the figure.



Hint: Perpendicular lines meet at a 90 degree angle.

- 3.) How many minutes are in 8 hours and 24 minutes? (hint- multiply hours by 60 since there are 60 minutes in 1 hour. Then add the 24 minutes to your answer.)
- 4.) I'm a quadrilateral with two sets of parallel sides. All of my sides measure 7 cm. I have no right angles. What is my most specific name? (square, rectangle, trapezoid, or rhombus) Use google if you get stuck.
- 5.) A right angle is divided into two angles. One angle measures 23 degrees. What does the other angle measure? Hint: How many degrees is a right angle? Use that to subtract.
- 6.) The side of a regular pentagon is 28 cm. What's the perimeter? Hint: All sides are equal.
Perimeter= $s_1 + s_2 + s_3 + s_4 + s_5$