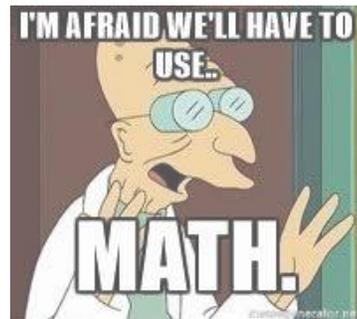


Name: _____ (first and last) Math Summer Homework

Good news everyone! Math is back. We can all rest easily now. Why are we doing homework over the summer? First, this homework should keep your math thinking active. We don't want to get too rusty. Second, your teachers need to know where your skills are at so that we can better teach you when school starts. Try your best and *attempt* every problem. – (written by Peirs Droms-Nakano)



- Do all work in the box / show as much work as you can for full credit.
- Attempt every problem- it's all right to get help. I don't know / IDK is not an acceptable answer
- This is all 5th grade level work, so hopefully you've seen it before
- Practice your multiplication tables all summer.

<p>1) At a restaurant, $\frac{1}{6}$ of a whole apple pie was served. What fraction of the pie was LEFT?</p>	<p>2) There are 12,125 seats in the stadium the Mets play at. If 8,596 seats are taken for the Mets game, how many are empty?</p> 	<p>3) If you watch an hour and a half of TV every day, how many hours in total will you have watched in fourteen days?</p> 
<p>4) Write down all the factors of 36.</p>	<p>5) The highest point of Whiteface Mountain is 4,867 feet. Round this number to the nearest hundred.</p> 	<p>6) What is $2\frac{3}{4}$ as an improper fraction and a decimal number?</p>
<p>7) If 15 times the number n equals 3000, then what is the value of the number n?</p>	<p>8) Change the following decimals into fractions and put in lowest terms of the equivalent with the smallest denominator. (simplified):</p> <p>0.5</p> <p>0.08</p> <p>0.25</p> <p>0.4</p>	<p>9)</p> $\frac{1}{8} + \frac{3}{8} = \underline{\quad}?$ $\frac{3}{5} + \frac{1}{10} = \underline{\quad}?$

10) The pool is 32 feet wide and 50 feet long. What is the perimeter?



11) Maya finished 0.72 of the assignment. (The whole assignment is 1.0) What percent of the assignment does she still have *left*?

12) Solve the following problems using the standard algorithm :

- 100×45
- 48×50

21×40

13) Add 30.75, 49.08, 102.0 and 1.02.

What is the rule for the decimal point when adding or subtracting decimal numbers?

14) One notebook cost \$1.27 including tax.

- How much would six notebooks cost?
- If you pay with \$20, how much change will you get back?

15) Which is larger

$\frac{31}{2}$ or $\frac{44}{3}$

How do you know?

16) One subway car of a train can hold 75 people. If there are 310 people, how many subway cars will be needed?

Explain why you rounded up or down.



17) If $209 + x = 542$, then what is the value of x ?

18) If Mr. Peirs eats $\frac{3}{8}$ of a pizza and then eats $\frac{1}{2}$ of what is left over (he's really can't stop with pizza), how much of the original pizza is left?



19) Write down three fractions that are equivalent to $\frac{3}{5}$.

20) The temperature for three days was 97, 90, and 92 degrees. What was the average temperature?



21) Practice your multiplication facts (up to the $12 \times _$) 5 min. a day all summer! Have them down for school this year! I suggest making flashcards and quizzing each other in your home.