



4TH GRADE WINTER BREAK MATHEMATICS HOMEWORK

Completed winter break packet is due on Monday January 6, 2020. Please show all your work. Failure to show your work will result in a lower grade. Completed packets will be worth one QUIZ GRADE. Please let me know if you have any questions.



Name _____ Date _____

Winter
Break
Review

Winter Break Review Chapters 1-9

1. Select True or False for each statement.

- a. 42 is 7 times as many as 8.
- b. 8 is 6 times as many as 48.
- c. 40 is 4 times as many as 8.
- d. 5 is 9 times as many as 45.

- a. _____
- b. _____
- c. _____
- d. _____

2. Vincent practiced the piano for 60 minutes on Monday. That is 5 times as long as he practiced on Friday. How long did he practice on Friday?

3. Billy hiked $4\frac{51}{100}$ miles along a trail. What is this distance written as a decimal?

4. Mario walked $\frac{36}{100}$ mile on Tuesday and $\frac{5}{10}$ on Thursday. How much did Mario walk in all?

5. List all the factor pairs of 36.

6. Is the number a multiple of 4 **and** factor of 80?

- a. 2
- b. 4
- c. 8
- d. 10
- e. 16
- f. 20

- a. YES NO
- b. YES NO
- c. YES NO
- d. YES NO
- e. YES NO
- f. YES NO

7. Below is a list of numbers. Determine if they are Prime or Composite. Write the number in the appropriate box.

3 95 87 44 51 86 69 11 29

PRIME

COMPOSITE

8. Phil is thinking of a number that has a 4 in the hundred thousands place, a 6 in the hundreds place and a 9 in the tens place. What is his number written in standard form and expanded form?	
9. Nicolas made 616,133 t-shirts last month. What is the number of t-shirts rounded to the nearest ten thousand?	
10. Sean bought a new Ferrari for \$157,298 and a mansion for \$1,868,549. How much money did he spend in all?	
11. Tristan ordered 406,323 bricks. He used 131,689 bricks for the sidewalk and 189,745 bricks for the wall. How many bricks does he have left? Show your work.	
12. Find the product of 86 and 38. Show your work.	
13. Mario solved 6,579 problems on SumDog each month. How many problems did Mario solve in 8 months?	
14. Raoul paid \$6,968 for 4 laptops. If each laptop costs the same amount, what is the cost of each laptop?	
15. Seven hundred two thousand, sixteen people visited the Magic Kingdom last week. What is this number written in standard form?	

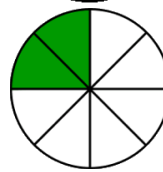
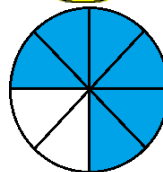
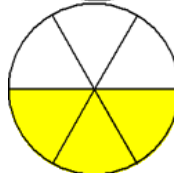
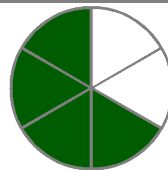
16. Draw a line from each fraction to a model of an equivalent fraction.

a. $\frac{2}{3}$

b. $\frac{1}{4}$

c. $\frac{3}{4}$

d. $\frac{1}{2}$



17. Look at each fraction. Determine if they are equivalent to $\frac{2}{4}$. Select YES or NO.

a. $\frac{3}{6}$

d. $\frac{40}{80}$

b. $\frac{50}{100}$

e. $\frac{8}{14}$

c. $\frac{6}{10}$

f. $\frac{15}{30}$

a. YES NO

b. YES NO

c. YES NO

d. YES NO

e. YES NO

f. YES NO

18. Gabriella read a book in $4\frac{1}{6}$ hours. Jon read the same book in $1\frac{5}{6}$ hours. How much longer did it take Gabriella to read the book than Jon?

19. Miranda needs $3\frac{6}{8}$ yards of pink fabric and $4\frac{7}{8}$ white fabric to make a dress. How much fabric does she need in all?

20. Jose ran $2\frac{3}{5}$ miles each day. How many miles did he run in 4 days?