



NAME: _____

Grade: (6/A-B)

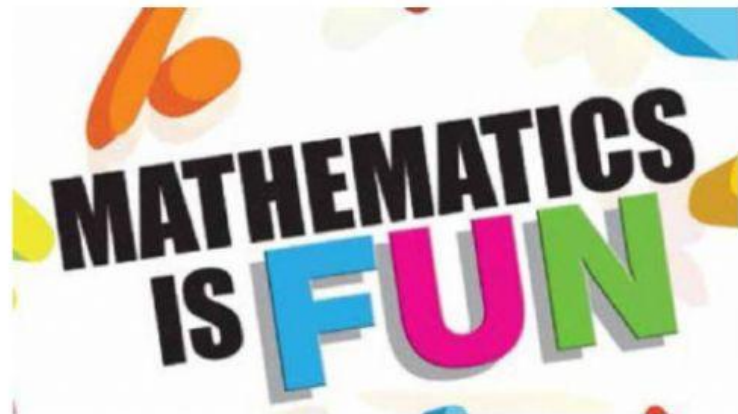
Practice Worksheet #1 (week 3)



Topic 3 - L(1,2,3,4,5)

Practice Ratios

the limit
does not
exist



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1) There are 7 fire fighters and 11 police men attending at the Harper Middle School fall play. What is the ratio of police men to fire fighters?

- A) 7 : 11**
- B) 7 : 18**
- C) 11 : 7**

2) The students in the sixth grade class at Central Middle School have 14 dogs, 17 cats, and 4 birds as pets. Choose all the ways to write a ratio for the comparison of birds to dogs.

- A. 4 to 14**
- B. 4:14**
- C. 4:17**
- D. $\frac{4}{14}$**
- E. 14 to 4**

3) Solve for x please

$$\frac{3}{9} = \frac{x}{27}$$

- A. $x = 3$**
- B. $x = 9$**
- C. $x = 5$**
- D. $x = 10$**

4) Julie can type about 300 words in 5 minutes. At this rate, about how many words can she type in 1 minute?

- A. 30 words per minute
B. 20 words per minute
C. 60 words per minute
D. 10 words per minute

5) A car travels 160 miles in 4 hours. Write it as a Rate?

- A. $\frac{160}{4}$
B. $160 - 4$
C. $\frac{160 \text{ miles}}{4 \text{ hours}}$
D. $16 + 4$

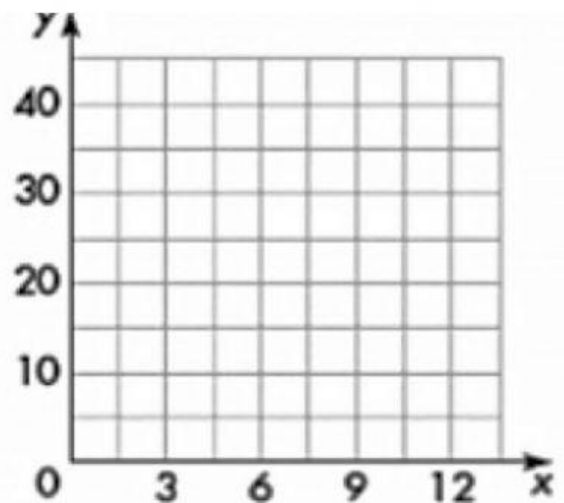
6) A machine can pack 70 boxes of spaghetti in 5 minutes. At this rate, how many boxes can they pack in 1 minutes.

- A. 14 boxes in 1 minute
B. 16 boxes in 4 minutes
C. 20 boxes in 1 minute
D. 21 boxes in 4 minutes

7) Complete the Ratio Table, then plot the values on the coordinate plane , and draw a line to connect the points

x	3	6	9	12
y	10			

- A. 20, 30, 40
B. 10, 30, 40
C. 20, 30, 60



8) Which ratio is equivalent to 7:11

A. 11 to 7

C. 21 to 22

B. 14 : 22

D. 7 : 22

9) Find two equivalent ratios for 6 : 4 using multiplication and division?

A. 12 : 8 and 3 : 2

C. 4 : 6 and 2 : 3

B. 8 : 3 and 4 : 1

D. 3 : 6 and 1 : 4

10) You spend \$40 on 5 pounds of concrete. What is the unit rate in dollars **per** pound?

A. \$8 per pound

C. \$10 Per pound

B. \$6 per pound

D. \$15 per pound

11) A **unit rate** is a rate in which the unit in the denominator is:

A. 0

B. 1

C. 10

D. 2

12) It took Jenny 31 minutes to knit 6 hats. Write it as a rate.

A. 31 min/ 6 hats

C. 13 min/ 6 hats

B. 6 hats/ 31 min.

D. 31/ 6

13) It took Roger 45 minutes to bicycle 5 miles.
Write it as a Rate.

A. $\frac{45 \text{ min}}{5 \text{ miles}}$

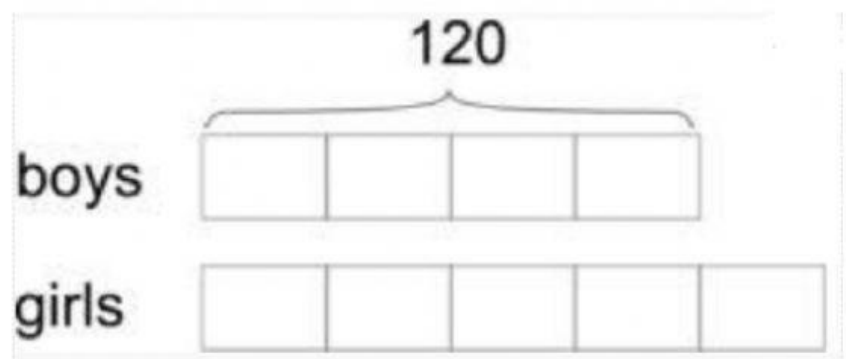
C. $\frac{1 \text{ min}}{5 \text{ miles}}$

B. $\frac{45 \text{ min}}{1 \text{ miles}}$

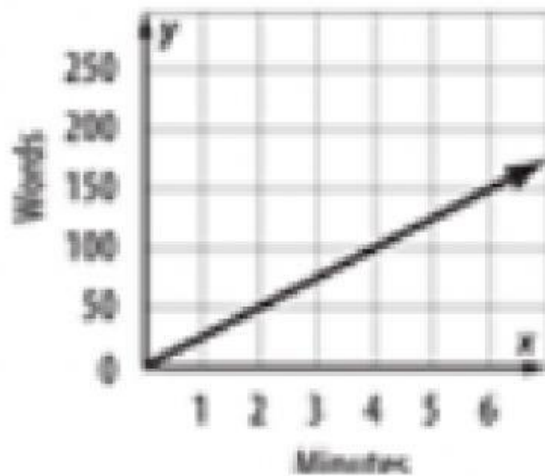
D. $\frac{45 \text{ miles}}{5 \text{ min}}$

14) If there are 120 boys in the group, how many girls are there? Use the tape diagram to solve.

- A. 150
B. 160
C. 170
D. 180



15) Which statement matches the graph?



- A. Taylor can write 6 words per minute.
 - B. Taylor can write 10 words per minute.
 - C. Taylor can write 15 words per minute.
 - D. Taylor can write 25 words per minute.
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Good Luck!!