



NAME: _____

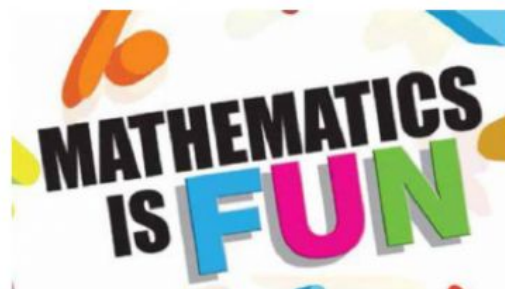
Grade: (6/A-B)

Practice Worksheet #2
(week 4)
Mid term exam
worksheet



Topic 3 - L(1,2,3,4,5,6)
Topic 4 L 1

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

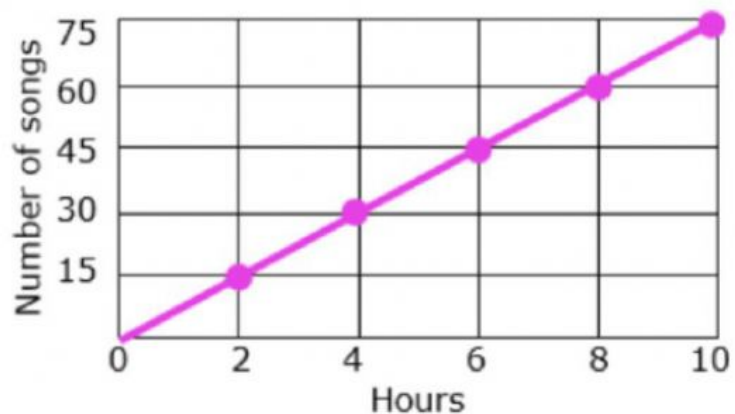
2) Find the missing values in the ratio table. Then write the equivalent ratios.

Chickens	8	<input type="text"/>	24
Eggs	6	12	<input type="text"/>

- A) 10, 12
- B) 16, 18
- C) 13, 14
- D) 20, 25

3) How many songs are there in 6 hours?

- A) 15
- B) 45
- C) 60
- D) 75



4) Juliana can type about 400 words in 5 minutes. At this rate, about how many words can she type in 1 minute?

- A. 30 words per minute C. 80 words per minute
B. 20 words per minute D. 10 words per minute

5) An Airplane travels 1600 miles in 4 hours. Write it as a Rate?

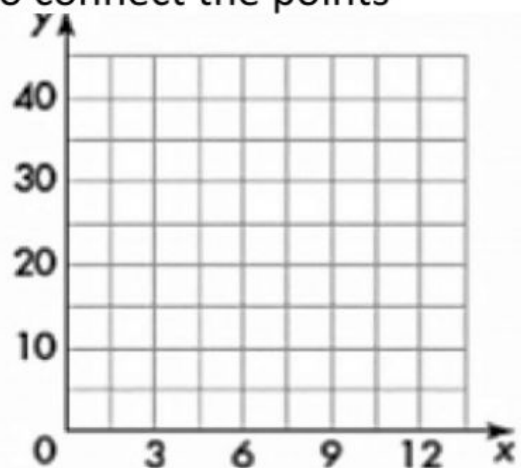
- A. $\frac{160}{4}$ C. $\frac{1600 \text{ miles}}{4 \text{ hours}}$
B. $160 - 4$ D. $16 + 4$

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 C. 20 boxes in 1 minute
B. 16 boxes in 4 minutes 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

<i>x</i>	3	6	9	12
<i>y</i>	10			



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

8) Which ratio is equivalent to 4:10

A. 11 to 7

C. 8 to 22

B. 14 : 22

D. 8 : 20

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

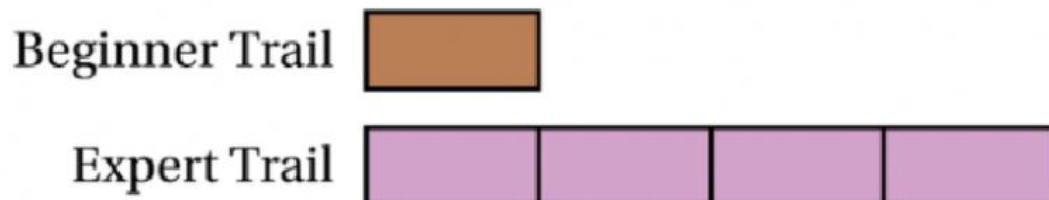
Determine whether the ratios are equivalent.

11 : 4 and 22 : 8

☐ equivalent

☐ not equivalent

15) The tape diagram models the lengths of two snowboarding trails. The beginner trail is 200 meters long. How long is the expert trail?



- A. 800 C. 600
B. 900 D. 700
-

16) The tape diagram represents the ratio of the time you spend tutoring to the time your friend spends tutoring. You tutor for 3 hours. How many hours does your friend spend tutoring?



- A. 3 HRS
B. 6 HRS
C. 10 HRS