ALKIFAH كاديمية
ACADEMY لكفاح

DEPARTMENT OF MATHEMATICS

ACCREDITED cognia NCA CASI | NWAC | SACS CASI

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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LIVEWORKSHEETS

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

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

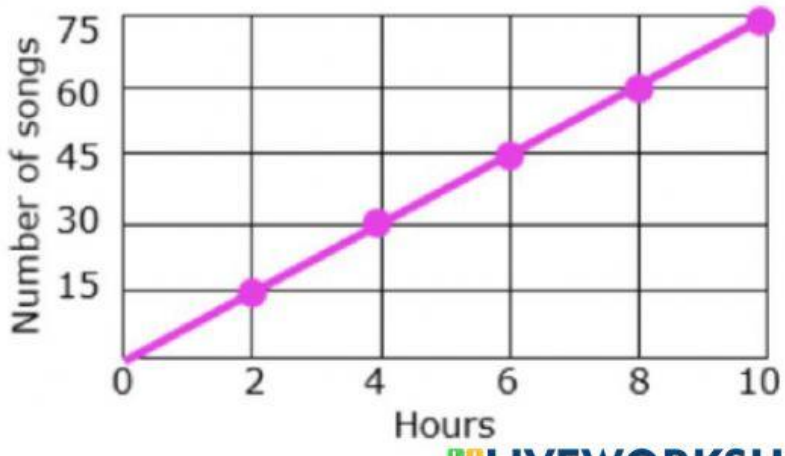
Chickens	8	☐	24
Eggs	6	12	☐

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

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3) How many songs are there in 6 hours?

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



LIVEWORKSHEETS

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
B. 20 words per minute
C. 80 words per minute
D. 10 words per minute

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

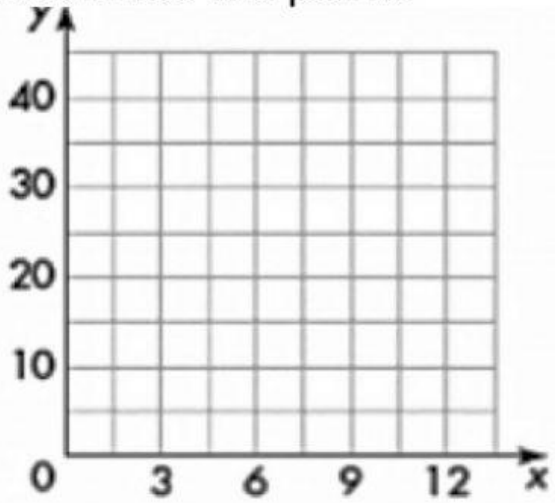
A. $\frac{160}{4}$
B. 160 – 4
C. $\frac{1600 \text{miles}}{4 \text{ hours}}$
D. 16 + 4

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

LIVEWORKSHEETS

8) Which ratio is equivalent to 4:10

A. 11 to 7

C. 8 to 22

B. 14 : 22

D. 8 : 20

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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

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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

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

A. 0

B. 1

C. 10

D. 2

LIVEWORKSHEETS

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

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

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

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

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

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

Determine whether the ratios are equivalent.

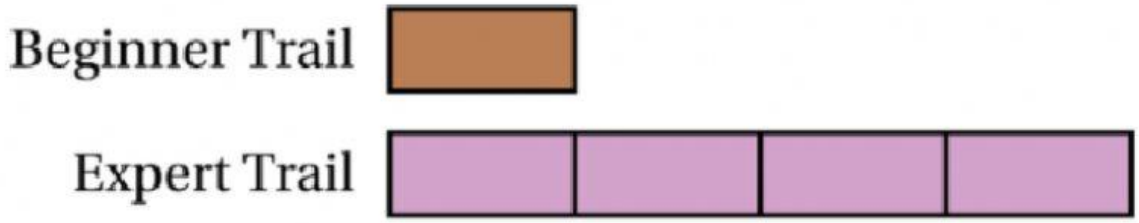
11 : 4 and 22 : 8

○ equivalent

○ not equivalent

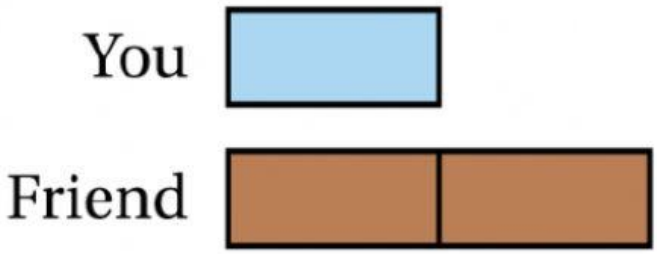
LIVEWORKSHEETS

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
B. 900
C. 600
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

LIVEWORKSHEETS