ALKIFAH كاديمية
ACADEMY لكفاح

DEPARTMENT OF MATHEMATICS

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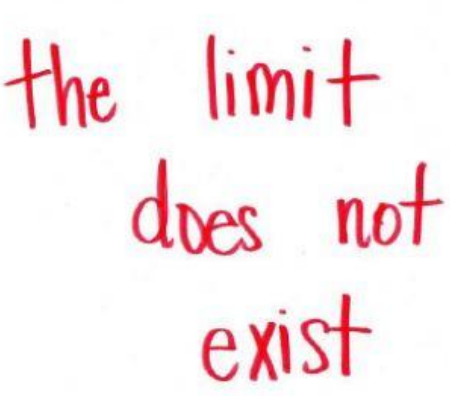
NAME: _____ Grade: (6/A-B)

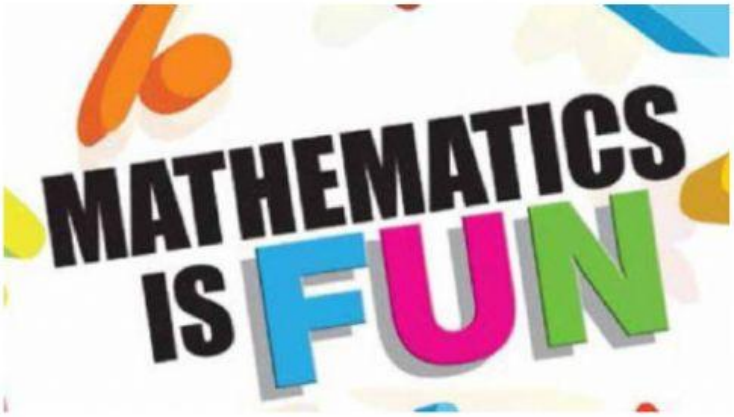


Practice Worksheet #1 (week 3)

Topic 3 – L(1,2,3,4,5)

Practice Ratios





Teacher:
Ms. Nayeema

Academic Math Supervisor
Ms. Yasmein sheriff

Principal:
Mrs. Ohud Al-jaafari

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

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

C. x = 5

B. x= 9

D. x = 10

LIVEWORKSHEETS

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

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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

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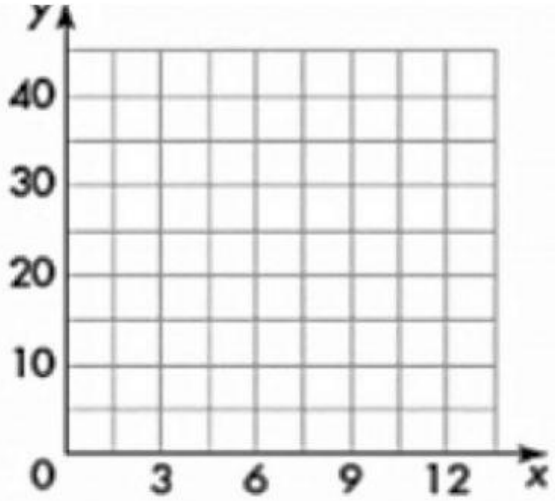
6) A machine can pack 70 boxes of spaghetti in 5 minutes. At this rate, how many boxes can they pack in 1 minutes.

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

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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 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

LIVEWORKSHEETS

12) It took Jenny 31 minutes to knit 6 hats. Write it a
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. $\frac{1\ min}{5\ miles}$

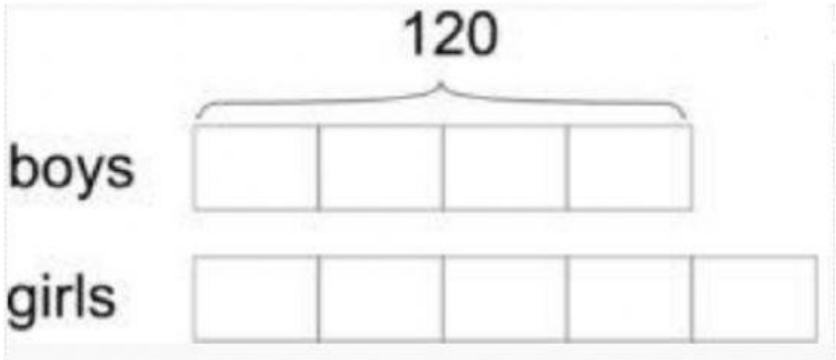
B. $\frac{45\ min}{1\ miles}$

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

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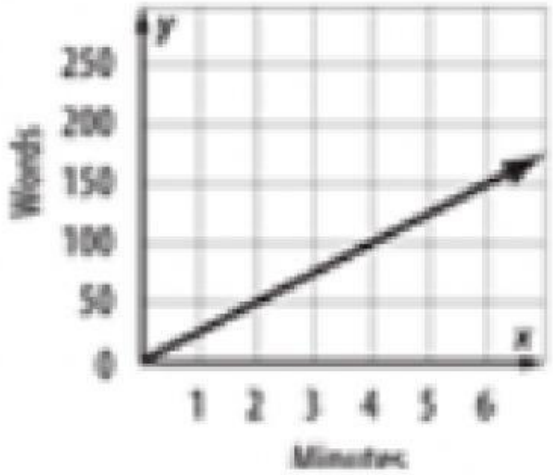
14) If there are 120 boys in the group, how many girls are there? Use the tape diagram to solve.

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



LIVEWORKSHEETS

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.





Good Luck!!

LIVEWORKSHEETS