

"read guys lol"
E.H.S. CHEMISTRY

QUIZ "0"
SEPTEMBER 2ND



Name K

Date E

Period Y

Why this quiz?

Solve each of the following. This is to be done without a calculator.

(The * means 'multiply')

$$\frac{7}{15} * \frac{3}{28} = \frac{1}{5} \frac{1}{4} = \frac{1}{20} \quad \text{2/420}$$

$$\frac{A}{B} * \frac{C}{B} = \frac{A \cdot C}{B^2}$$

$$\frac{3Y}{5} * \frac{2Y}{6} = \frac{Y^2}{5} \quad \frac{6Y^2}{50}$$

$$\frac{A}{B} * \frac{B}{C} * \frac{C}{A} * \frac{A}{A} = \frac{A}{C}$$

~~no credit~~
~~ABC~~
~~CCA~~

Solve for X. (rearrange to get X by itself on one side of the equals sign)

$$3x = 12$$
$$x = \frac{12}{3} \quad x = 4$$

Solve for X.

$$\frac{10+x}{5} = 2$$
$$10+x = 2 \cdot 5$$
$$x = 0$$

Solve for X.

$$\frac{15}{x} = 5$$
$$x = 3$$

Simplify:

$$\frac{Y}{3} * \frac{12}{Y} = 4$$

Simplify:

$$\frac{(x^6)}{(x^3)} = x^3$$

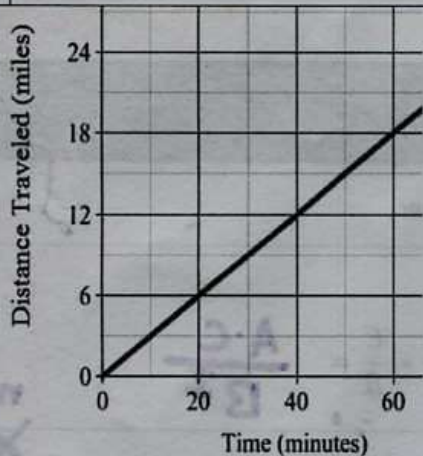
KEY

In the following pair, circle which is larger

$\frac{1}{200}$ or $\frac{1}{300}$

What is 75% of 12?

9



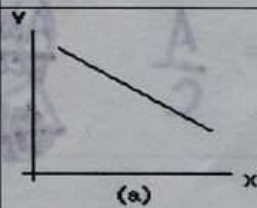
In this graph, time is the

- A. dependent variable
- B. independent variable

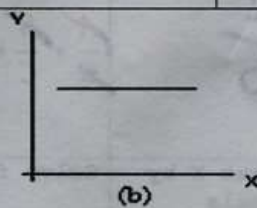
The slope of this line is

- A. 1
- B. $\frac{10}{3}$
- C. $-\frac{18}{12}$
- D. 0

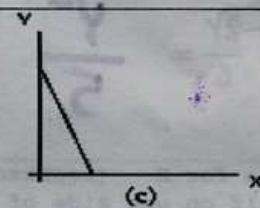
6/3



(a)



(b)



(c)

How many of these graphs have a positive slope?

- A. none of the graphs
- B. one graph
- C. two graphs
- D. all three graphs

Which of the above graphs show the following? As the x value increases the Y value also increase.

- A. none of the graphs
- B. one graph
- C. two graphs
- D. all three graphs