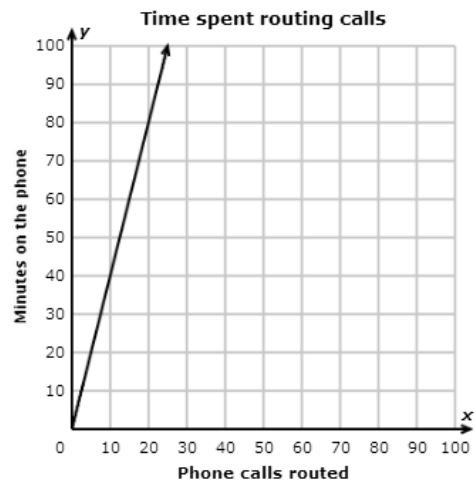


1.) Unit rate is the same as \_\_\_\_\_.

- A.) y-intercept
- B.) vertical change
- C.) slope
- D.) horizontal change

2.) The unit rate of minutes per phone call is 0.25 min. per call.

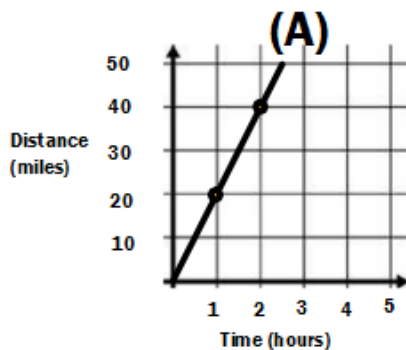
- A.) True
- B.) False



3.) In the equation  $y = mx$ , which variable is the slope?

- A.) y
- B.) m
- C.) x
- D.) =

4.) Determine which object (A or B) is traveling at greater speed.

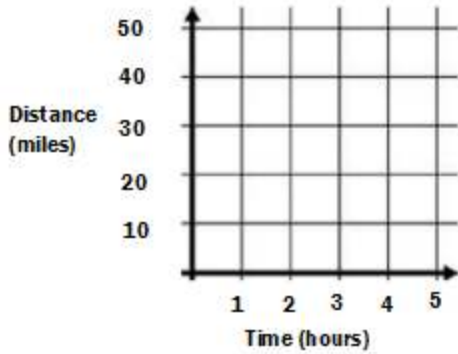


**(B)**

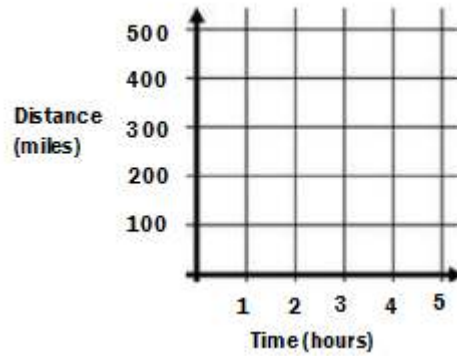
$$d = 15t$$

d is distance in miles  
t is time in hours

5.) Graph 15 mph.

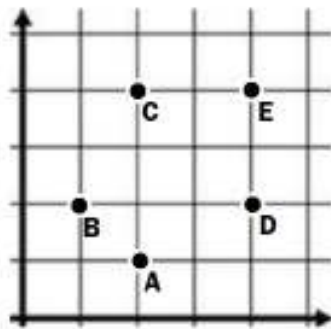


6.) Graph 200 mph.



7.) Which two points would  $y = \frac{1}{2}x$  pass through?

- A.) A and D
- B.) B and C
- C.) B and E
- D.) A and C



8.) When drawing a slope triangle you begin with \_\_\_\_\_.

- A.) horizontal change
- B.) vertical change

9.) Determine which object (A or B) is traveling at greater speed.

(A)

$$y = 100x$$

x is time in hours  
y is distance in miles

(B)

x	y
3	600
4	1200
5	1800

10.) Find the slope from the table.

- A.)  $m = 6$
- B.)  $m = 8$
- C.)  $m = \frac{1}{4}$
- D.)  $m = 4$

x	y
2	8
4	16
6	24