

Name

Spiral Review 10

Directions: Show your work for credit. Use your notes and textbook for support

1. Which table shows a car moving at a constant speed?

Show your work

A

Time (h)	1	2	3
Distance (mi)	50	150	250

B

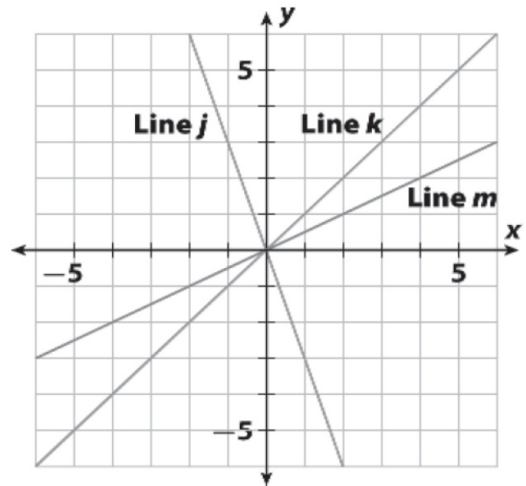
Time (h)	1	2	3
Distance (mi)	50	100	150

C

Time (h)	1	2	3
Distance (mi)	50	500	5,000

2. What is the slope of line m ?

- A -2
- B $\frac{1}{2}$
- C $\frac{2}{3}$



3. What value of x is the solution to the equation?

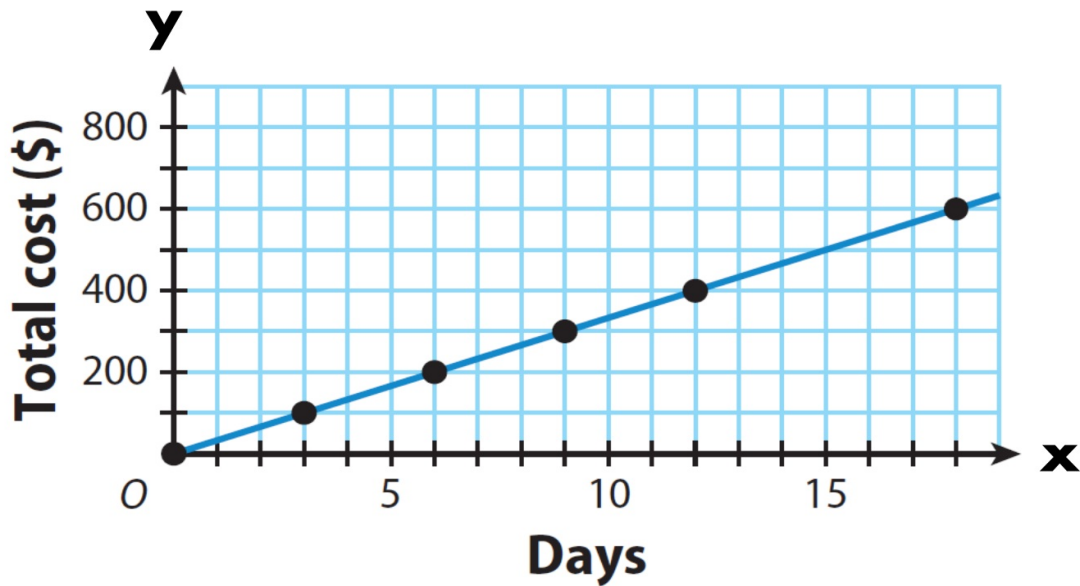
$$4(x - 1) = 2(x + 1)$$

Show your work

- A -2
- B 0
- C 1
- D 3



4. The graph shows the relationship between the number of days a car is rented and the total cost for the rental. Write an equation for this relationship. _____



5. The table shows a proportional relationship. Write an equation that describes the relationship. _____

Acres x	5	8	15
Bushels of wheat y	140	224	420

If there were 20 acres, how many bushels of wheat would exist?

Show your work _____