

Name:

ANSWERS!

Period:



Communication



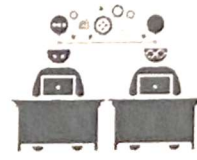
Successful Partnership



Encouragement



Solving Problem Together



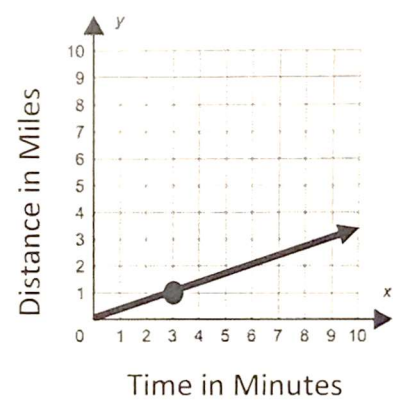
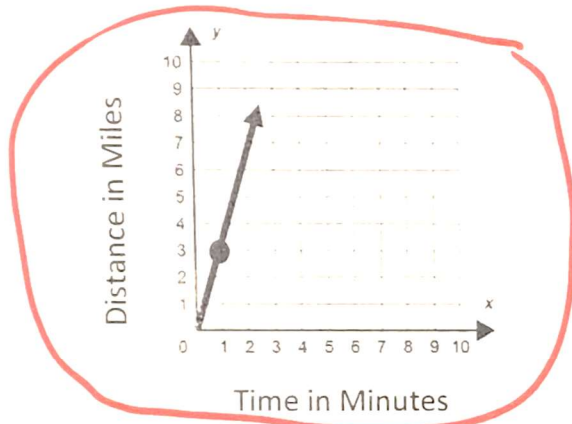
Collaboration

Part 2-10 Classwork

Calculators OK

Question 01

Part A. A racer is moving at a constant speed modeled by the equation $d = 3t$ where d is distance in miles and t is the time in minutes. Which graph show this?

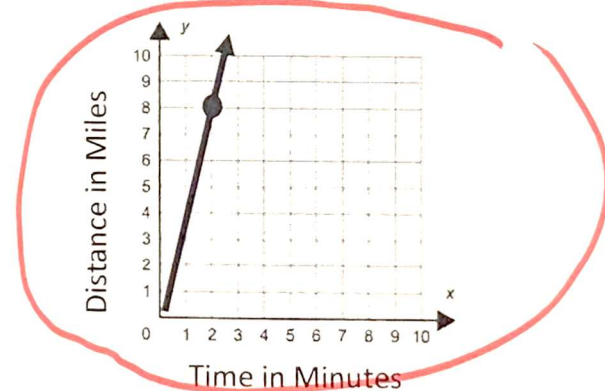
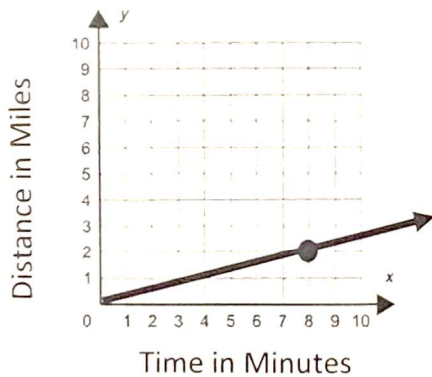


Part B. How far will the racer have travelled after 30 minutes?

Question 02

90 miles $d = 3t$ $d = 3(30)$ $d = 90$

Part A. A racer is moving at a constant speed modeled by the equation $d = 4t$ where d is distance in miles and t is the time in minutes. Which graph show this?

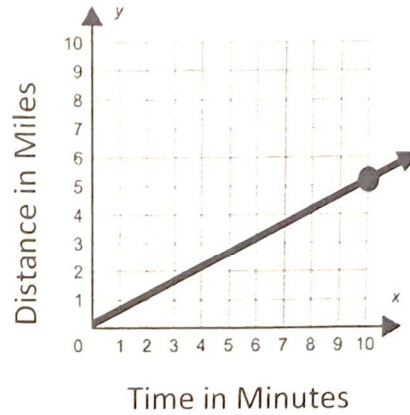
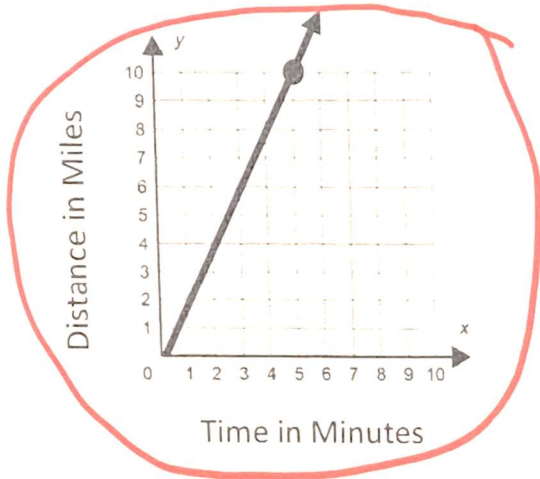


Part B. How far will the racer have travelled after 30 minutes?

120 miles $d = 4t$ $d = 4(30)$ $d = 120$

Question 03

Part A. A racer is moving at a constant speed modeled by the equation $d = 2t$ where d is distance in miles and t is the time in minutes. Which graph show this?

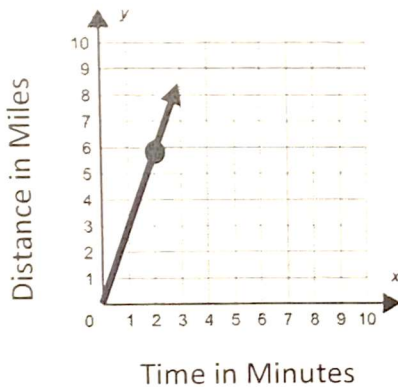


Part B. How far will the racer have travelled after 30 minutes?

60 miles $d = 2t$ $d = 2(30)$ $d = 60$

Question 04

Part A. A racer is moving at a constant speed modeled by the equation $d = \frac{1}{3}t$ where d is distance in miles and t is the time in minutes. Which graph show this?



Part B. How far will the racer have travelled after 30 minutes?

10 miles $d = \frac{1}{3}t$ $d = \frac{1}{3}30$ $d = \frac{30}{3}$ $d = 10$