Quiz!!

(Don't Panic)
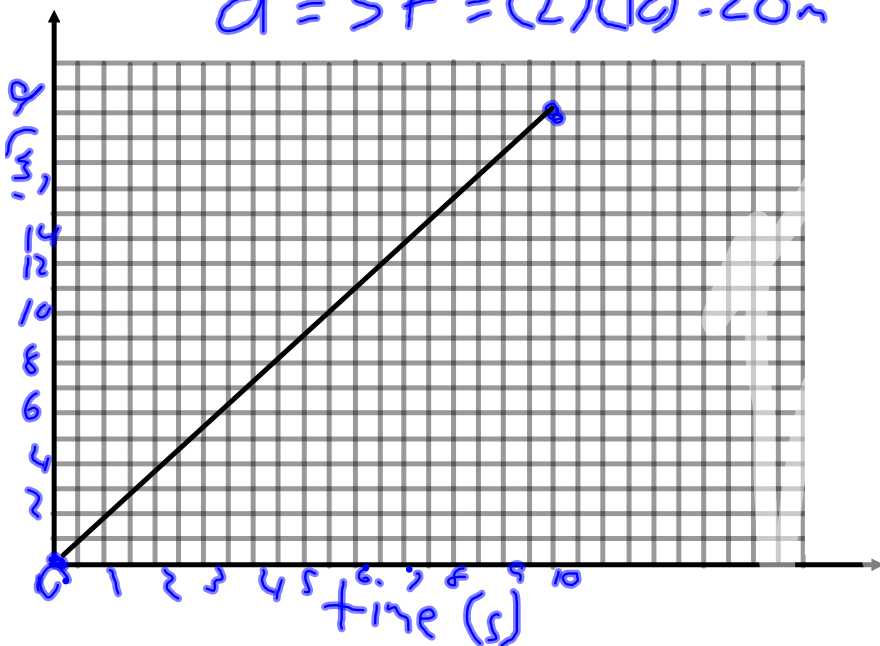
$$S = \frac{d}{t}$$

Homework Questions?

Creating a Distance-Time Graph

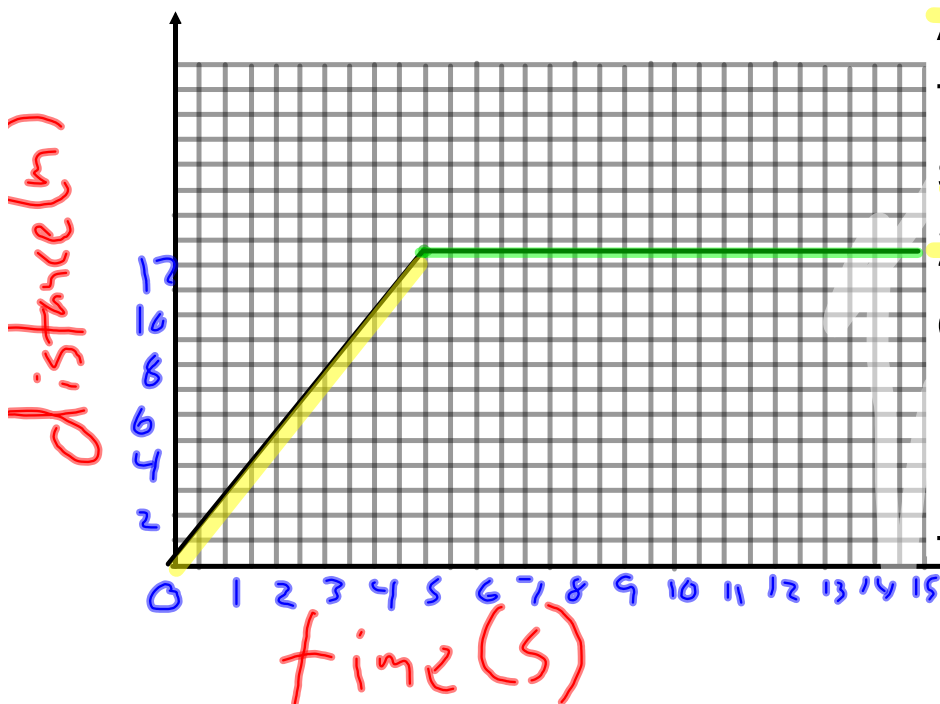A person walked at a constant speed of 2 m/s for 10 seconds. Draw a distance-time graph to represent this information.
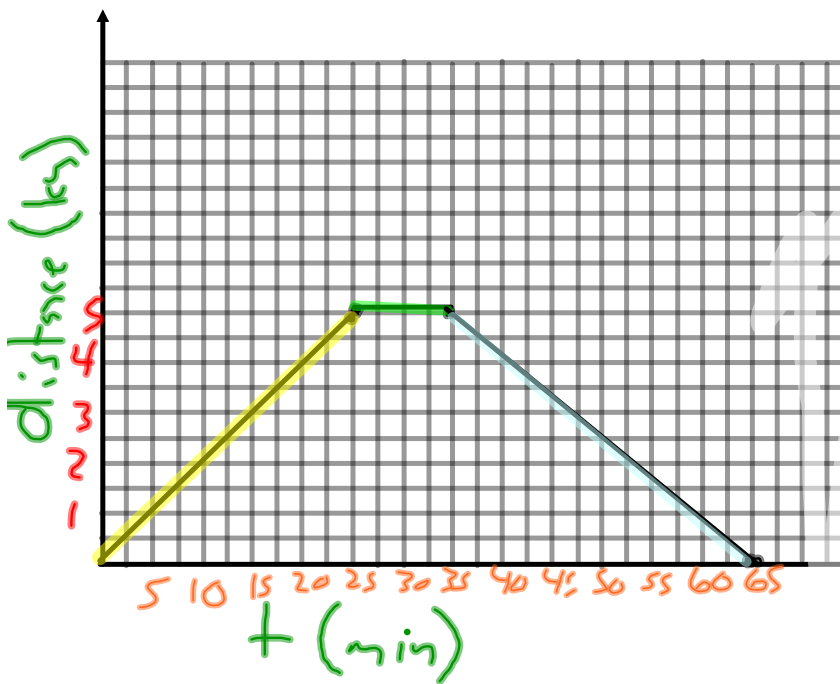
$$d = st = (2)(10) = 20m$$

Steps:

1) Choose a scale

2) Label the axis (units)

3) Plot some points and join them

first, last

distance (m)

12
10
8
6
4
2

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

time (s)

$d = st$
$= (2.5)(5) = 12.5 m$

A dog walked for 5s at a speed of 2.5m/s. The dog then paused for 10s to smell a flower.

A healthy person decided to go jogging. S/he jogged for 25mins and went 5 km. S/he then stood still for 10 mins to catch his/her breath. S/he then turned around and ran back home in 30mins.

Graphing Distance-Time Worksheet

Attachments

average speed ex 2 answers.notebook

average speed ex 1.notebook

distance time graph WS answers.notebook

pg 365 #2,3,5,6 answers.notebook

answers distance time graphs WS.notebook