

Textbook - Graphing Review

Do: Applying Concepts → pg. 58 #7 - 10

Problems → pg. 60 #13, 14, 16, 18, 21ab, 24, 25

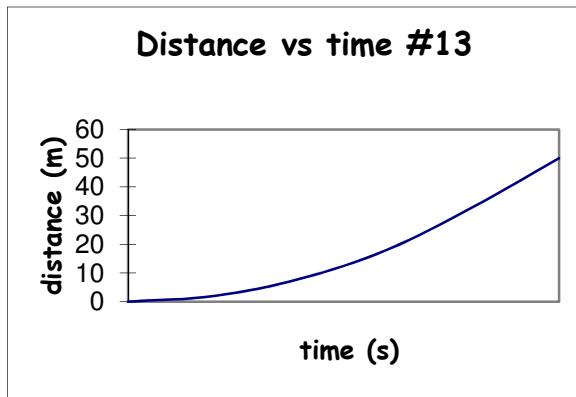
Answers -

7.) a - b increasing forward velocity, b - c constant forward velocity, c - d decreased forward velocity,
d - e at rest, e - f backward velocity, f - g constant backward velocity (faster than e - f),
g - h slower constant backward velocity

8a.) Has a head start 8b.) Runner B (steeper slope) 8c.) Runner B passes Runner A

9a.) about 1.5 s and 8.0 s 9b.) Car A 9c.) about 4.0 s (parallel) 9d.) the entire time 9e.) at no time

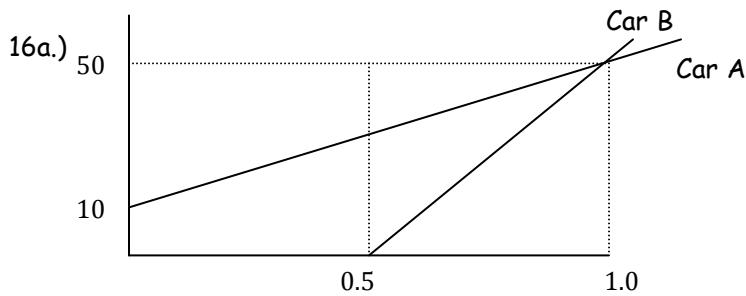
10a.) constant forward velocity 10b.) distance traveled

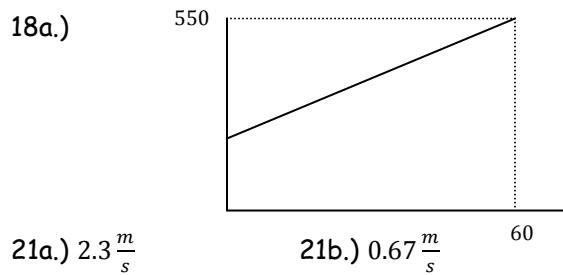


13b.) exponential

13c.) 10 m

14a.) 400 m 14b.) 0 m 14c.) -200 m





18b.) 550 m

18c.) 300

- 24a.) 75 m
- 24b.) 150 m
- 24c.) 125 m
- 24d.) 500 m

