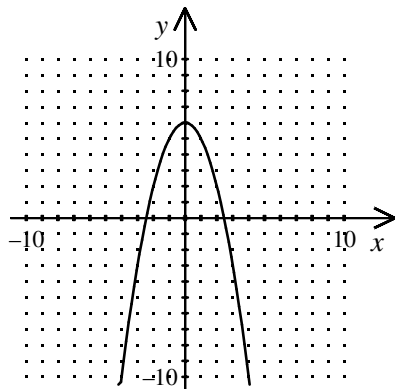


Chapter 2 Review Sheet

[1] [B]

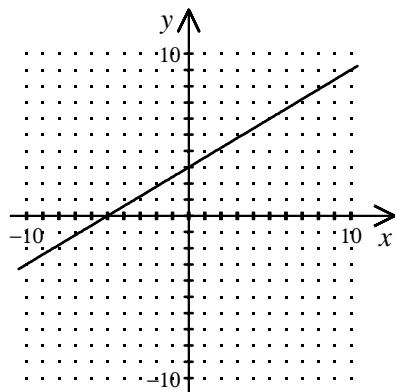


[2] $D = \text{all reals}, R = \{y \mid y \leq 6\}$; yes

[3] [D]

[4] [A]

[5] [D]



[6] _____

[7] [B]

[8] [A]

$$y = -\frac{3}{2}x - \frac{7}{2} \text{ or } y + 2 = -\frac{3}{2}(x + 1) \text{ or}$$

[9] $y - 1 = -\frac{3}{2}(x + 3)$

$$y = 4x + 4 \text{ or } y + 4 = 4(x + 2) \text{ or}$$

[10] $y - 8 = 4(x - 1)$

[11] [A]

[12] $y = 3x + 17 \text{ or } y - 2 = 3(x + 5)$

[13] $y = -3x - 11 \text{ or } y + 5 = -3(x + 2)$

[14] $y = 2x + 4 \text{ or } y - 2 = 2(x + 1)$

[15] $y = -6x + 8 \text{ or } y + 4 = -6(x - 2)$

[16] $y = 5x + 14 \text{ or } y + 1 = 5(x + 3)$

[17] $y = -\frac{1}{6}x + 7 \text{ or } y - 7 = -\frac{1}{6}(x - 0)$

$$y = -.6142857143x + 16.02857143$$

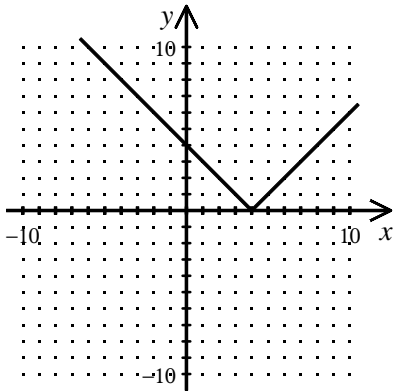
a. $x = \text{Age}$

$y = \text{Time in minutes}$

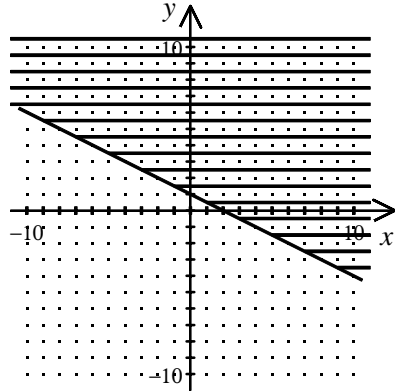
b. 6.2 minutes

[18] c. 0.6 minutes/year

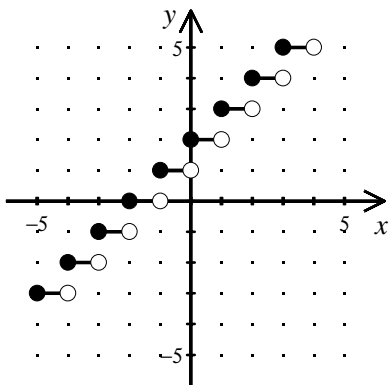
Chapter 2 Review Sheet



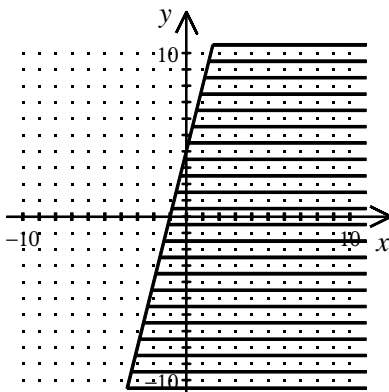
[19] $D = \text{all reals}$
 $R = \text{nonnegative reals}$



[22]



[20] $D = \text{all reals}$
 $R = \text{all integers}$



[21]