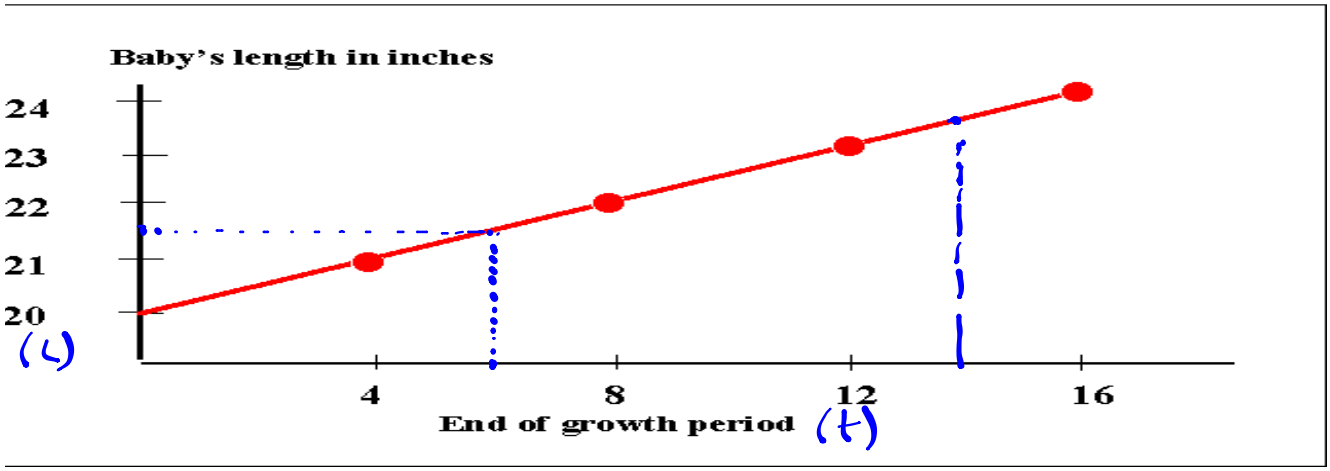
Warm-Up
Math 9



Using the above graph, estimate the growth of a baby at the end of growth period 6. 21.5 inches

Using the above graph, estimate the growth period when a baby is 23.5 inches. Growth period 14

Homework Questions??

Pages 196 - 198
4 - 14

Review worksheet

Textbook page 201-203 1-17

Page 196

6. $y = \frac{\Delta y}{\Delta x} x + b$

$= \frac{1-0}{0-2}$ ← m slope

$= \frac{1}{-2} x + 1$

$y = -\frac{x}{2} + 1$

$(0,1)\ (2,0)$

$6^{-1} = -\frac{x}{2} + 1^{-1}$

$(-2)5 = \frac{x}{-2}(-2)$

$-10 = x$

6 ii) $y = -\frac{x}{2} + 1$

$-4 = \frac{x}{-2} + 1$ $^{-1}$

$(-2) -5 = \frac{x}{-2}(-2)$

$10 = x$

iii) $y = -\frac{x}{2} + 1$

$-8 = -\frac{x}{2} + 1$ $^{-1}$

$(-2) -9 = \frac{x}{-2}(-2)$

$18 = x$

6.b)i) $y = -\frac{x}{2} + 1$

$y = -\frac{(-6)}{2} + 1$

$= 4$

ii) $y = -\frac{x}{2} + 1$

$y = -\frac{6}{2} + 1$

$= -2$

iii $y = -\frac{x}{2} + 1$

$y = -\frac{9}{2} + 1$

$= -\frac{9}{2} + \frac{2}{2}$

$= -\frac{7}{2}$

Page 196

7. (2, 5) (1, 3) (2, 5) (-2, -3)

$\frac{\Delta y}{\Delta x}$ $\frac{5-3}{2-1} = \frac{2}{1}$ $\frac{5-(-3)}{2-(-2)} = \frac{8}{4}$

m

$= 2$ $= 2$

$y = 2x + b$ ← y-int

$\boxed{y = 2x + 1}$

Attachments

Day 3 Monday - 4 Days of Literacy.notebook