

$$y = 2x + 3$$

$$(7) = 2(2) + 3$$

$$7 = 4 + 3$$

$$7 = 7 \quad \checkmark$$

$$\begin{matrix} (2, 7) \\ x \quad y \end{matrix}$$

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$$y = 2x + 3$$

$$(-4) = 2(-3) + 3$$

$$-4 = -6 + 3$$

$$-4 = -3 \quad \times$$

$$(-3, -4)$$

Not on the  
line

$$y = -x + 4$$

$$-1 = -(3) + 4 \quad (3, -1)$$

$$-1 = -3 + 4$$

$$-1 = 1 \quad X$$

---

$$(5) = -(-2) + 4 \quad (-2, 5)$$

$$5 = 2 + 4$$

$$5 = 6 \quad X$$

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$$(4, 0) \checkmark$$

$$0 = -(4) + 4$$

$$0 = -4 + 4$$

$$0 = 0 \checkmark$$

$$y = -\frac{4}{3}x + 1$$

$$(9) = -\frac{4}{3}(-6) + 1 \quad (-6, 9) \checkmark$$

$$9 = 8 + 1$$

$$(3, -3) \checkmark$$

$$9 = 9$$

$$y = -\frac{4}{3}x + 1$$

$$(-3) = -\frac{4}{3}(3) + 1$$

$$-3 = -4 + 1$$

$$-3 = -3 \checkmark$$

$$y = -\frac{4}{3}x + 1$$

$$(1, -\frac{1}{3})$$

$$(-\frac{1}{3}) = -\frac{4}{3}(1) + 1$$

$$-\frac{1}{3} = -\frac{4}{3} + \frac{3}{3}$$

$$-\frac{1}{3} = -\frac{1}{3} \checkmark$$

Pg 142

#4, 5, 6

Homework

Pg 142 #12-18 even