

20. DEBERES MATEMÁTICAS 10-1-17

P. 121

10) a) $14 + x + 10 = 35$

$$x = 35 - 14 - 10$$

$$\boxed{x = 11}$$

b) $18 + 2x - 8 = x - 25$

$$2x - x = -25 + 8 - 18$$

$$x = -35$$

c) $12 - x = 12 - 2x$

$$-x + 2x = 12 - 12$$

$$\boxed{x = 0}$$

d) $7 - 5x = 12 - 4x - 17$

$$7 - 12 + 17 = -4x + 5x$$

$$\boxed{12 = x}$$

P. 121

10) e) $2x - 5 + 3x = 6x - 6$

$$2x + 3x - 6x = -6 + 5$$

$$-x = -1$$

$$x = \frac{-1}{-1} = \boxed{1}$$

f) $-3x + 7 - 10 = -4x + 5$

$$-3x + 4x = 5 - 7 + 10$$

$$\boxed{x = 8}$$

g) $-1 + 10x = 11x + 8$

$$-1 - 8 = 11x - 10x$$

$$\boxed{-9 = x}$$

h) $3x - 7 = 1 - x$

$$3x + x = 1 + 7$$

$$4x = 8$$

$$\boxed{x = 2}$$