

Exercice 4 p 53

$$d) \quad 2 + 5x = -2x - 3$$

$$\cancel{2} + 5x \cancel{-2} = -2x - 3 \cancel{-2}$$

$$5x = -2x - 5$$

$$5x + 2x = \cancel{-2x} - 5 \cancel{+2x}$$

$$7x = -5$$

$$\frac{7x}{7} = \frac{-5}{7}$$

$$\underline{x = -\frac{5}{7}}$$

$$e) \quad 4x - 1 = 14 + x$$

$$4x \cancel{-1} \cancel{+1} = 14 + x \cancel{+1}$$

$$4x = x + 15$$

$$4x - x = \cancel{x} + 15 \cancel{-x}$$

$$3x = 15$$

$$\frac{3x}{3} = \frac{15}{3}$$

$$\underline{x = 5}$$

$$f) \quad -0,1 + 6x = -8x + 0,1$$

$$-~~0,1~~ + 6x + ~~0,1~~ = -8x + 0,1 + ~~0,1~~$$

$$6x = -8x + 0,2$$

$$6x + ~~8x~~ = -~~8x~~ + 0,2 + ~~8x~~$$

$$14x = 0,2$$

$$\frac{14x}{14} = \frac{0,2}{14}$$

$$x = \frac{1}{70}$$