

$$314c) \quad \frac{3x-1}{2} - 2 = \frac{x}{5}$$

$$5) \frac{3x-1}{2} - \frac{10}{1} = \frac{2x}{5} \quad \begin{array}{l} 2 \cdot 1 \cdot 5 \\ = 10 \end{array}$$

$$\frac{5(3x-1)}{10} - \frac{10 \cdot 2}{10} = \frac{2x}{10} \quad | \cdot 10$$

$$5(3x-1) - 20 = 2x$$

$$5x - 5 - 20 = 2x$$

$$5x - 2x = 20 + 5$$

$$3x = 25 \quad | :3$$

$$x = \frac{25}{3} = 6 \frac{2}{3}$$

$$320) \quad x = \frac{2}{3} \text{ sijoitetaan yhtälöön}$$

$$ax + 4 = 6x - 1 \quad a = ?$$

$$a \cdot \frac{2}{3} + 4 = 6 \cdot \frac{2}{3} - 1$$

$$\frac{2a}{3} + 4 = 4 - 1$$

$$\frac{2a}{3} = -1 + 4 - 4$$

$$\frac{2a}{3} = -1 \quad | \cdot 3$$

$$2a = -3 \quad | :2$$

$$a = -\frac{3}{2}$$

$$b) \quad t = ?$$

$$x = -2$$

$$t(x-2) = t - tx + 1$$

$$\vdots$$

$$t =$$

$$322) \quad a) \quad \begin{array}{l} s = v \cdot t \\ v \cdot t = s \\ v = \frac{s}{t} \end{array} \quad \begin{array}{l} v = \frac{s}{t} \\ \triangle \\ \frac{s}{v \cdot t} \end{array}$$

$$c) \quad v = v_0 + a \cdot t \quad (*)$$

$$v - v_0 = at \quad | : a$$

$$\frac{v - v_0}{a} = t$$

$$t = \frac{v - v_0}{a}$$