

S. 90

Yhtälö

esim.

$$\overset{2x}{\cancel{3x}} + \overset{0}{1} = \overset{0}{\cancel{x}} + \overset{0}{5} \quad \parallel -x$$

$$2x + \overset{0}{\cancel{1}} = \overset{4}{\cancel{5}} \quad \parallel -1$$

$$\frac{2x}{2} = \frac{4}{2} \quad \parallel :2$$

$$x = 2$$

esim.

$$\overset{3x}{\cancel{5x}} - \overset{0}{7} = \overset{0}{\cancel{2x}} + \overset{0}{1} \quad \parallel -2x$$

$$3x - \overset{0}{\cancel{7}} = \overset{8}{\cancel{1}} \quad \parallel +7$$

$$\frac{3x}{3} = \frac{8}{3} \quad \parallel :3$$

$$x = \frac{8}{3} = 2\frac{2}{3}$$

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S. 90

$$a) \quad 4x + \overset{0}{\cancel{3}} = \overset{4}{\cancel{7}} \quad \parallel -3$$

$$\frac{4x}{4} = \frac{4}{4} \quad \parallel :4$$

$$x = 1$$

$$b) \quad \cancel{2x}^{1 \cdot x} - 6 = \cancel{x}^0 + 1 \quad \parallel -x$$

$$x - \cancel{6}^0 = \cancel{1}^7 \quad \parallel +6$$

$$x = 7$$

$$c) \quad \cancel{5x}^{2x} = \cancel{3x}^0 + 8 \quad \parallel -3x$$

$$\frac{2x}{2} = \frac{8}{2} \quad \parallel :2$$

$$x = 4$$

$$d) \quad \cancel{3x}^{4x} - 1 = 3 - \cancel{x}^0 \quad \parallel +x$$

$$4x - \cancel{1}^0 = \cancel{3}^4 \quad \parallel +1$$

$$\frac{4x}{4} = \frac{4}{4} \quad \parallel :4$$

$$x = 1$$

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$$a) \quad \cancel{4x}^x + 5 = \cancel{3x}^0 + 1 \quad \parallel -3x$$

$$x + \cancel{5}^0 = \cancel{1}^{-4} \quad \parallel -5$$

$$x = -4$$

$$b) \quad \overset{x}{\cancel{8x}} + 4 = \overset{0}{\cancel{7x}} + \overset{0}{\cancel{6}} \quad \parallel -7x$$

$$x + \overset{0}{\cancel{4}} = \overset{2}{\cancel{6}} \quad \parallel -4$$

$$x = 2$$

$$c) \quad \overset{2x}{\cancel{10x}} + 4 = \overset{0}{\cancel{8x}} + 8 \quad \parallel -8x$$

$$2x + \overset{0}{\cancel{4}} = \overset{4}{\cancel{8}} \quad \parallel -4$$

$$\frac{2x}{2} = \frac{4}{2} \quad \parallel :2$$

$$x = 2$$

$$d) \quad \overset{7x}{\cancel{14x}} + 6 = \overset{0}{\cancel{7x}} + 13 \quad \parallel -7x$$

$$7x + \overset{0}{\cancel{6}} = \overset{7}{\cancel{13}} \quad \parallel -6$$

$$\frac{7x}{7} = \frac{7}{7} \quad \parallel :7$$

$$x = 1$$

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