

1. arkeen yhtälö

Esim. Ratkaise a) $5x - 4 = 6 \quad || +4$

$$5x = 6 + 4$$

$$5x = 10 \quad || :5$$

$$x = 2$$

b) $\frac{x+2}{3} + \frac{5}{2} = 4$

$$\frac{2(x+2)}{6} + \frac{15}{6} = \frac{24}{6} \quad || \cdot 6$$

$$2(x+2) + 15 = 24$$

$$2x + 4 + 15 = 24$$

$$2x = 24 - 4 - 15$$

$$2x = 5 \quad || :2$$

$$x = \frac{5}{2}$$

3.8

Ratkaise yhtälö



$\frac{3x}{2} + \frac{1}{5} = \frac{x}{2} + (x+1)$

$$\frac{15x}{10} + \frac{2}{10} = \frac{5x}{10} + \frac{10(x+1)}{10} \quad || \cdot 10$$

$$15x + 2 = 5x + 10(x+1)$$