

משוואות עם מכנה מספרי

$$1) \frac{4x-1}{5} - \frac{2x-7}{3} = 2$$

$$2) \frac{7x+1}{6} - \frac{2x+5}{9} = -7$$

$$3) \frac{4x+2}{3} - \frac{3x-2}{5} = \frac{7x-4}{3}$$

$$4) \frac{3x+1}{2} + \frac{x+1}{4} - \frac{2x-14}{3} = 0$$

$$5) \frac{5x + 2}{8} - \frac{3x - 2}{5} = \frac{3 - 2x}{20}$$

$$6) \frac{5x + 2}{6} + \frac{2 - 3x}{2} = 4$$

$$7) \frac{3x + 33}{4} - \frac{4x + 7}{3} + 1 = \frac{6x + 2}{8}$$

$$8) \frac{2x - 3}{9} + \frac{4x - 2}{7} - 2 = \frac{6x - 2}{4}$$

$$9) \frac{3x-1}{2} = \frac{2x-7}{22} + x$$

$$10) 15 - \frac{7x-1}{3} + \frac{7-3x}{5} = 13 - 2x$$

$$11) \quad 50 - \frac{9x-4}{7} - \frac{2-11x}{3} = -27 - 13x$$

$$12) \quad \frac{3x-4}{4} - \frac{2x+1}{2} = 6 - x$$

תשובות

-4 (5

4 (10

-5 (4

$\frac{4}{9}$ (9

$1\frac{1}{2}$ (3

-3 (8

-7 (2

5 (7

10 (12

-1 (1

-4 (6

-5 (11

משוואות לכיתה ח'

$$1) \frac{1}{3}(2x + 1) - \frac{1}{4}(3x - 4) = \frac{1}{2}(10 - 2x)$$

$$2) \frac{1}{5}(4x + 3) - \frac{1}{3}(7x - 3) = \frac{1}{2}(3 - 3x)$$

$$3) \frac{1}{7}(5x + 1) - \frac{1}{6}(5x + 4) + 6 = \frac{1}{2}(2x + 2)$$

$$4) \frac{5x + 9}{4} + 3(4x - 8) = \frac{6x - 3}{5} + 3(x + 2)$$

$$5) \quad \frac{7x-1}{3} - 2(10-x) = -\frac{1}{2}(10-x) - 23$$

$$6) \quad \frac{1}{5}(4x+1) + \frac{1}{3}(24-2x) = \frac{1}{2}(36-3x)$$

תשובות

-2 (5

3 (4

4 (3

3 (2

4 (1

6 (6