

Pracovní list



Riešenie lineárnych rovníc s jednou neznámou

1. Rieš rovnice a urob skúšku:

a) $9(x - 4) - 5x = x - 12$ [8]

b) $5x - 9(x - 4) = x - 12$ [9,6]

c) $7x - 2(4x - 3) = 6 - x$ [√]

d) $8x - 4(3x - 4) = 15 - 4x$ [∅]

e) $7(x - 1) + 5(-x + 3) = 4$ [-2]

f) $-8(-x + 5) - 7(3x - 2) = 1 - 10x$ [-9]

g) $4(x - 0,5) - 9(7 - 2x) = 3(5x + 1) - 12$ [8]

2. Rieš rovnice a urob skúšku:

a) $0,3(2 + 3x) = 0,5(2x - 3)$ [21]

b) $0,2(1 - x) = 0,6(3 + x)$ [-2]

c) $\frac{2}{3}(6 - y) + 2 - y = 1$ [3]

d) $\frac{4}{5}(7 - 3z) - 6 + z = 1$ [-1]

e) $7r - \frac{3}{4}(5r - 1) = \frac{5}{8} + 3r$ [$\frac{-1}{2}$]

f) $2r - \frac{2}{3}(7r - 2) = \frac{5}{6} - 3r$ [$\frac{-3}{2}$]

g) $\frac{y + 3}{4} - \frac{y - 5}{3} = 2$ [5]

h) $\frac{y - 4}{8} - \frac{y + 5}{10} = -1$ [0]