ZADAĆA (20.4.)

1. a) $\frac{x}{3} = 5$

$\frac{x}{3} = 5 \ / \cdot 3$

$\boxed{x = 15}$

b) $7 = \frac{x}{5}$

$7 = \frac{x}{5} \ / \cdot 5$

$35 = x$

$\boxed{x = 35}$

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

$\frac{2}{3}x - 5 = -1 \ / \cdot 3$

$2x - 15 = -3$

$2x = -3 + 15$

$2x = 12 \ / : 2$

$\boxed{x = 6}$

ili

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

Sve množimo s najmanjim višekratnikom nazivnika, tj.

$V(3,1) = 3$

$\frac{2}{3}x - \frac{5}{1} = -\frac{1}{1} \ / \cdot 3$

$3 \cdot \frac{2}{3}x - 3 \cdot \frac{5}{1} = 3 \cdot \left(-\frac{1}{1}\right)$

$2x - 15 = -3$

$2x = -3 + 15$

$2x = 12 \ / : 2$

$x = 6$

d) $\frac{x}{3} - \frac{x}{4} = 1$

$\frac{x}{3} - \frac{x}{4} = 1 \ / \cdot 12$ ← jer je $V(3,4,1) = 12$

$12 \cdot \frac{x}{3} - 12 \cdot \frac{x}{4} = 12 \cdot 1$

$4x - 3x = 12$

$\boxed{x = 12}$