

② Να λύσεις η εξίσωση

$$\frac{x+7}{3} = \frac{x-1}{5}$$

Λύση

1^{ος} Τρόπος

$$\frac{x+7}{3} = \frac{x-1}{5}$$

$$5(x+7) = 3(x-1)$$

$$5x + 35 = 3x - 3$$

$$5x - 3x = -35 - 3$$

$$2x = -38$$

$$x = -\frac{38}{2}$$

$$x = -19$$

2^{ος} Τρόπος Εκπ:15.

$$15 \frac{x+7}{3} = 15 \frac{x-1}{5}$$

$$5(x+7) = 3(x-1)$$

$$5x + 35 = 3x - 3$$

$$5x - 3x = -35 - 3$$

$$2x = -38$$

$$x = -\frac{38}{2}$$

$$x = -19.$$