

9. ročník – rovnice – ľahké úvodné príklady

1. Vypočítaj a urob skúšku správnosti

$$4x - 1 = x + 8$$

$$5x + 6 = 2x - 15$$

$$-3x + 5 = x + 13$$

$$x + 8 = 3x + 2$$

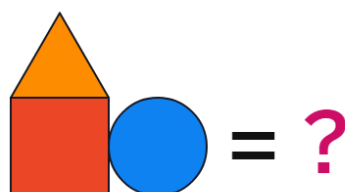
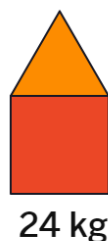
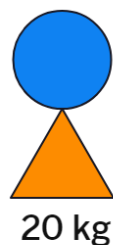
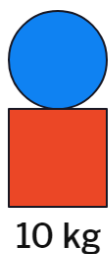
2. Vypočítaj obrázkové rovnice

$$\text{Orange Circle} + \text{Orange Circle} + \text{Orange Circle} = 90$$

$$\text{Orange Circle} + \text{Pink Hexagon} + \text{Pink Hexagon} = 230$$

$$\text{Green Pentagon} + \text{Pink Hexagon} + \text{Orange Circle} = 210$$

$$\text{Pink Hexagon} - \text{Orange Circle} + \text{Green Pentagon} = ?$$



Riešenie

$$4x - 1 = x + 8$$

$$x = 3$$

$$\text{Skúška } L = P = 11$$

$$5x + 6 = 2x - 15$$

$$x = -7$$

$$\text{Skúška } L = P = -29$$

$$-3x + 5 = x + 13$$

$$x = -2$$

$$\text{Skúška } L = P = 11$$

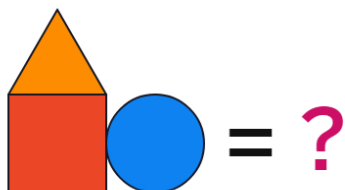
$$x + 8 = 3x + 2$$

$$x = 3$$

$$\text{Skúška } L = P = 11$$



$$50 - 30 + 80 = 100$$



$$3 (\text{kruh}) + 7 (\text{štvorec}) + 17 (\text{trojuholník}) = 27 \text{ kg}$$