

2. domácí úkol – týden od 19. 9. do 26. 9. 2017

Termín odevzdání: 26. 9. 2017

Řeš rovnice a proved' zkoušky:

$$5 - y = 3 - 2y \quad /-5$$

$$-y = -2 - 2y \quad /+2y$$

$$y = -2$$

$$\text{ZK: } L=5 - (-2) = 7,$$

$$P=3 - 2 \cdot (-2) = 7, L=P$$

$$3x - 9 = 3 - x \quad /+9$$

$$3x = 12 - x \quad /+x$$

$$4x = 12 \quad /: 4$$

$$x = 3$$

$$\text{ZK: } L=3 \cdot 3 - 9 = 0$$

$$P=3 - 3 = 0, L=P$$

$$2y - 7 = y + 2 \quad /+7$$

$$2y = y + 9 \quad /-y$$

$$y = 9$$

$$\text{ZK: } L=2 \cdot 9 - 7 = 11$$

$$P=9 + 2 = 11, L=P$$

$$5x + 6 = -3 + 2x \quad /-6$$

$$5x = -9 + 2x \quad /-2x$$

$$3x = -9 \quad /: 3$$

$$x = -3$$

$$\text{ZK: } L=5 \cdot (-3) + 6 = -9$$

$$P=-3 + 2 \cdot (-3) = -9, L=P$$

$$4x - 3 = 3x + 2 \quad /+3$$

$$4x = 3x + 5 \quad /-3x$$

$$x = 5$$

$$\text{ZK: } L=4 \cdot 5 - 3 = 17$$

$$P=3 \cdot 5 + 2 = 17, L=P$$

$$x - 12 = 5x - 4 \quad /+12$$

$$x = 5x + 8 \quad /-5x$$

$$-4x = 8 \quad /: (-4)$$

$$x = -2$$

$$\text{ZK: } L=-2 - 12 = -14$$

$$P=5 \cdot (-2) - 4 = -14, L=P$$

$$3x - 7 = 1 - x \quad /+7$$

$$3x = 8 - x \quad /+x$$

$$4x = 8 \quad /: 4$$

$$x = 2$$

$$\text{ZK: } L=3 \cdot 2 - 7 = -1$$

$$P=1 - 2 = -1, L=P$$