

73. Rovnice se zlomkem

14.2.20

1) $\frac{5x}{6} = \frac{10}{3} \quad | \cdot 6$
 $\cancel{6} \cdot \frac{5x}{\cancel{6}} = \cancel{6} \cdot \frac{10}{\cancel{3}}$
 $5x = 2 \cdot 10$
 $5x = 20 \quad | : 5$
 $x = 4$

2) $\frac{2y}{5} = \frac{2}{3} \quad | \cdot 15$
 $\cancel{15} \cdot \frac{2y}{\cancel{5}} = \cancel{15} \cdot \frac{2}{\cancel{3}}$
 $3 \cdot 2y = 5 \cdot 2$
 $6y = 10 \quad | : 6$
 $y = \frac{10 \cdot 5}{6 \cdot 3}$
 $y = \frac{5}{3}$

ZK: $L = \frac{5 \cdot 4}{6} = \frac{10}{3}$
 $P = \frac{10}{3}$
 $L = P$

ZK: $L = \frac{2 \cdot \frac{5}{3}}{5} = \frac{\frac{10}{3}}{5} = \frac{10 \cdot 1}{3 \cdot 5} = \frac{10}{15} = \frac{2}{3}$
 $P = \frac{2}{3}$
 $L = P$

Domácí úkol PS str.142/A-1 a) b) c)