

REŠITVE PONEDELJKOVIH VAJ:

$$\frac{3}{4x} \cdot 2 = \frac{3 \cdot 2}{4x \cdot 2} = \frac{3}{2x}$$

$$\frac{4x}{15x^2} \cdot \frac{25x}{12} = \frac{4x \cdot 25x}{15x^2 \cdot 12} = \frac{100x^2}{180x^2} = \frac{10}{18} = \frac{5}{9}$$

$$15a \cdot \frac{4}{5a^2} = \frac{15a \cdot 4}{5a^2} = \frac{12}{a}$$

$$\frac{36}{7x^2} \cdot \frac{10x^2}{24x} = \frac{36 \cdot 10x^2}{7x^2 \cdot 24x \cdot 1} = \frac{360x^2}{168x^3} = \frac{15}{7x}$$

$$\frac{4x+6}{12x} \cdot \frac{4x}{6x+9} = \frac{2(2x+3) \cdot 4x \cdot 1}{3 \cdot 2x \cdot 3 \cdot (2x+3)} = \frac{2}{9}$$

$$\frac{35y}{1-y} : 5y = \frac{35y}{1-y} : \frac{5y}{1} = \frac{35y}{1-y} \cdot \frac{1}{5y} = \frac{35y \cdot 1}{(1-y) \cdot 5y} = \frac{7}{1-y}$$

$$15x^2 : \frac{6x^3}{2x-1} = 15x^2 \cdot \frac{2x-1}{6x^3} = \frac{15x^2 \cdot (2x-1) \cdot 5}{6x^3 \cdot 1 \cdot 2} = \frac{(2x-1) \cdot 5}{2x} = \frac{10x-5}{2x}$$

$$\frac{18}{5x^2} : \frac{9}{25x} = \frac{18 \cdot 25x}{5x^2 \cdot 9} = \frac{10}{x}$$

$$\frac{32y^2}{35y} \cdot \frac{24}{25y} = \frac{32y^2 \cdot 24 \cdot 5 \cdot 4}{35y \cdot 25y \cdot 1 \cdot 3} = \frac{20y^2}{21}$$

$$\frac{3y+1}{2y} : \frac{6y+2}{1-y} = \frac{(3y+1) \cdot (1-y)}{2y \cdot 2(3y+1)} = \frac{1-y}{4y}$$