

Opakování:

$$9 \cdot \frac{5}{12} = \frac{45}{12} = \frac{15}{4} = 3 \frac{3}{4}$$

$$2 \cdot \frac{9}{8} = \frac{18}{8} = \frac{9}{4} = 2 \frac{1}{4}$$

$$5 \cdot \frac{3}{4} = \frac{15}{4} = 3 \frac{3}{4}$$

$$3 \cdot 1\frac{5}{7} = 3\frac{15}{7}$$

$$\frac{15}{7} = 2\frac{1}{7} + 3 = 5\frac{1}{7}$$

$$\boxed{4} \frac{\textcircled{1}}{\textcircled{6}} \cdot \boxed{6} = \boxed{24} \frac{\textcircled{6}}{\textcircled{6}} = 24 + 1 = 25$$

## 2) NÁSOBENÍ ZLOMKŮ ZLOMKEM

$$\frac{2}{3} \cdot \frac{5}{6} = \frac{2 \cdot 5}{3 \cdot 6} = \frac{10}{18} = \frac{5}{9}$$

násobím společně čitatele (2·5)  
jmenovatele (3·6)

ZÁKLADNÍ TVAR ☺

$$\frac{4}{7} \cdot \frac{2}{5} = \frac{8}{35}$$

$$\frac{6}{9} \cdot \frac{8}{3} = \frac{48}{27} = \frac{16}{9} = 1\frac{7}{9}$$

$$\frac{\cancel{6}^2}{9} \cdot \frac{8}{\cancel{3}^1} = \frac{16}{9} \qquad \frac{\cancel{6}^2}{\cancel{9}^3} \cdot \frac{8}{3} = \frac{16}{9}$$

ČÍSLA VĚDLĚ SEBE NEKRÁTÍM

$$\frac{\cancel{3}^1}{\cancel{16}^2} \cdot \frac{\cancel{24}^3}{\cancel{30}^{10}} = \frac{1 \cdot 3}{2 \cdot 10} = \frac{3}{20}$$

$\Downarrow$   
 KRATIM (8)    KRATIM (3)

$$\frac{\cancel{18}^3}{\cancel{35}_7} \cdot \frac{\cancel{45}^3}{\cancel{6}^1} = \frac{3 \cdot 3}{7 \cdot 1} = \frac{9}{7} = 1\frac{2}{7}$$

$$\frac{\cancel{17}^1}{\cancel{13}^1} \cdot \frac{\cancel{26}^2}{\cancel{34}^2} = \frac{2}{2} = 1$$

$$\frac{8}{7} \cdot \frac{\cancel{15}^3}{\cancel{5}^1} = \frac{8 \cdot 3}{7} = \frac{24}{7} = 3 \frac{3}{7}$$

$$\frac{\cancel{4}^1}{\cancel{21}^3} \cdot \frac{\cancel{14}^2}{\cancel{20}^5} = \frac{1 \cdot 2}{3 \cdot 5} = \frac{2}{15}$$

$$\frac{\cancel{15}^3}{\cancel{32}^2} \frac{\cancel{16}^1}{\cancel{5}^1} = \frac{3}{2} = 1\frac{1}{2}$$

$$\frac{\cancel{15}^3}{\cancel{32}^2} \frac{\cancel{16}^4}{\cancel{5}^1} = \frac{12}{8} = \frac{3}{2}$$

$$\frac{\cancel{42}^2}{\cancel{38}^2} \frac{\cancel{19}^1}{\cancel{21}^1} = \frac{2}{2} = 1$$