

## Dělení zlomků

Převrácený zlomek

$$\frac{3}{8} \Rightarrow \frac{8}{3}$$

$$\frac{14}{19} \Rightarrow \frac{19}{14}$$

$$\frac{5}{3} \Rightarrow \frac{3}{5}$$

$$\frac{3}{26} \Rightarrow \frac{26}{3}$$

$$\frac{9}{2} \cdot \frac{3}{4} = \frac{\cancel{9}^3}{2^1} \cdot \frac{\cancel{4}^2}{3^1} = \frac{6}{1} = 6$$

1)  $\frac{3}{4} \Rightarrow \frac{4}{3}$

2)  $\frac{3}{4} \Rightarrow \frac{4}{3}$  (převrácený zlomek)

$$\frac{1}{8} : \frac{3}{11} = \frac{1}{8} \cdot \frac{11}{3} = \frac{11}{24}$$

$$\frac{4}{8} : \frac{3}{5} = \frac{4}{8} \cdot \frac{5}{3} = \frac{35}{24} = 1 \frac{11}{24}$$

$$\frac{70}{9} : \frac{10}{3} = \frac{\overset{7}{\cancel{70}}}{\cancel{9}_3} \cdot \frac{\overset{3^1}{\cancel{3^1}}}{\cancel{10}_1} = \frac{7}{3} = 2\frac{1}{3}$$

$$\frac{5}{2} : \frac{2}{5} = \frac{5}{2} \cdot \frac{5}{2} = \frac{25}{4} = 6\frac{1}{4}$$

$$\frac{4}{3} : \frac{8}{9} = \frac{\overset{4^1}{\cancel{4^1}}}{\cancel{3^1}} \cdot \frac{\overset{9^3}{\cancel{9^3}}}{\cancel{8^2}} = \frac{3}{2} = 1\frac{1}{2}$$

$$\frac{12}{7} \cdot \frac{9}{14} = \frac{\cancel{12}^4 \cdot \cancel{14}^2}{\cancel{7}^1 \cdot \cancel{9}^3} = \frac{8}{3} = 2\frac{2}{3}$$

$$\frac{11}{12} \cdot \frac{55}{24} = \frac{\cancel{11}^1 \cdot \cancel{24}^2}{\cancel{12}^1 \cdot \cancel{55}^5} = \frac{2}{5}$$

$$\frac{8}{9} \cdot \frac{4}{27} = \frac{\cancel{8}^2 \cdot \cancel{27}^3}{\cancel{9}^3 \cdot \cancel{4}^2} = \frac{6}{1} = 6$$

$$\frac{3}{2} \cdot \frac{6}{15} = \frac{\cancel{3}^1}{2} \frac{15}{\cancel{3}^2} = \frac{15}{4} = 3 \frac{3}{4}$$