



Division af brøker

Opgave 1 Find kvotienten af følgende tal og brøker.

$$\text{a. } \frac{1}{8} : 3 = \frac{1}{8 \cdot 3} = \frac{1}{24}$$

$$\text{b. } \frac{3}{5} : 2 = \frac{3}{5 \cdot 2} = \frac{3}{10}$$

$$\text{c. } \frac{5}{3} : 7 = \frac{5}{3 \cdot 7} = \frac{5}{21}$$

$$\text{d. } \frac{3}{4} : 5 = \frac{3}{4 \cdot 5} = \frac{3}{20}$$

Opgave 2 Find kvotienten af følgende brøker.

$$\text{a. } \frac{1}{2} : \frac{1}{3} = \frac{1}{2} \cdot \frac{3}{1} = \frac{1 \cdot 3}{2 \cdot 1} = \frac{3}{2}$$

$$\text{b. } \frac{4}{5} : \frac{7}{3} = \frac{4}{5} \cdot \frac{3}{7} = \frac{4 \cdot 3}{5 \cdot 7} = \frac{12}{35}$$

$$\text{c. } \frac{5}{6} : \frac{9}{3} = \frac{5}{6} \cdot \frac{3}{9} = \frac{5 \cdot 3}{6 \cdot 9} = \frac{15}{54}$$

$$\text{d. } \frac{7}{4} : \frac{2}{6} = \frac{7}{4} \cdot \frac{6}{2} = \frac{7 \cdot 6}{4 \cdot 2} = \frac{42}{8}$$