

Perkalian

Perkalian dilakukan secara langsung antar pembilang dan antar penyebut

$$\frac{a}{b} \times \frac{c}{d} = \frac{a \times c}{b \times d}$$

Contoh :

$$\frac{2}{5} \times \frac{9}{11} = \frac{18}{55}$$

Pembagian

Pembagian dari bilangan pecahan dapat dirumuskan sebagai berikut:

$$\frac{a}{b} \div \frac{c}{d} = \frac{a}{b} \times \frac{d}{c} = \frac{a \times d}{b \times c}$$

Contoh :

$$\frac{4}{9} \div \frac{2}{3} = \frac{4}{9} \times \frac{3}{2} = \frac{4 \times 3}{9 \times 2} = \frac{12}{18} = \frac{2}{3}$$

Latihan

A. Penjumlahan Pecahan

1. $\frac{1}{4} + \frac{2}{4} = \underline{\hspace{2cm}}$
2. $\frac{3}{8} + \frac{2}{8} = \underline{\hspace{2cm}}$
3. $\frac{1}{2} + \frac{1}{3} = \underline{\hspace{2cm}}$
4. $\frac{2}{5} + \frac{1}{10} = \underline{\hspace{2cm}}$
5. $\frac{3}{7} + \frac{2}{7} = \underline{\hspace{2cm}}$

B. Pengurangan Pecahan

1. $\frac{3}{4} - \frac{1}{4} = \underline{\hspace{2cm}}$
2. $\frac{5}{8} - \frac{2}{8} = \underline{\hspace{2cm}}$
3. $\frac{7}{10} - \frac{3}{10} = \underline{\hspace{2cm}}$
4. $\frac{5}{6} - \frac{1}{3} = \underline{\hspace{2cm}}$
5. $\frac{4}{5} - \frac{2}{10} = \underline{\hspace{2cm}}$

C. Perkalian Pecahan

1. $\frac{1}{2} \times \frac{3}{4} = \underline{\hspace{2cm}}$
2. $\frac{2}{3} \times \frac{3}{5} = \underline{\hspace{2cm}}$
3. $\frac{4}{7} \times \frac{2}{3} = \underline{\hspace{2cm}}$
4. $\frac{5}{6} \times \frac{1}{2} = \underline{\hspace{2cm}}$
5. $\frac{3}{8} \times \frac{4}{9} = \underline{\hspace{2cm}}$

D. Pembagian Pecahan

1. $\frac{1}{2} \div \frac{1}{4} = \underline{\hspace{2cm}}$
2. $\frac{3}{4} \div \frac{1}{2} = \underline{\hspace{2cm}}$
3. $\frac{2}{3} \div \frac{4}{5} = \underline{\hspace{2cm}}$
4. $\frac{5}{6} \div \frac{2}{3} = \underline{\hspace{2cm}}$
5. $\frac{3}{8} \div \frac{1}{4} = \underline{\hspace{2cm}}$