

RASYONEL SAYILARDA ÇARP X – BÖL :

Rasyonel sayılarda çarpma için;
sadeleşme varsa yap,

Payları çarp paya

Paydaları çarp paydaya yaz.

**Tamsayı kesir görürsen bileşiğe
çevir.**

$$\frac{5}{10} \cdot \frac{8}{12} =$$

$$\frac{5}{8} \cdot 2\frac{2}{3} \cdot \frac{7}{12} =$$

$$\frac{5}{7} \cdot 3\frac{2}{3} \cdot \frac{7}{10} \cdot \frac{1}{11} =$$

$$\left(\frac{5}{6} + 3\frac{2}{3}\right) \cdot \frac{7}{9} =$$

$$\left(\frac{1}{6} - \frac{2}{3}\right) \cdot \frac{9}{10} =$$

$$\left(1\frac{1}{3} + 2\frac{3}{9}\right) \cdot \left(\frac{5}{11} + 1\right) =$$

$$\left(\frac{4}{5} + 1\frac{3}{10}\right) \cdot \left(1 - \frac{5}{11}\right) =$$

$$\frac{3}{4} \cdot \frac{4}{5} \cdot \frac{5}{6} \cdot \frac{6}{7} =$$

$$\left(1 - \frac{1}{2}\right) \cdot \left(1 - \frac{1}{3}\right) \cdot \left(1 - \frac{1}{4}\right) \cdots \left(1 - \frac{1}{23}\right) = \left(1 + \frac{1}{2}\right) \cdot \left(1 + \frac{1}{3}\right) \cdot \left(1 + \frac{1}{4}\right) \cdots \left(1 + \frac{1}{52}\right) = \left[\left(1 - \frac{1}{3}\right) \cdot \left(1 - \frac{1}{3}\right)\right] =$$

$$\left[\left(1 - 2\frac{1}{5}\right) \cdot \left(1 + \frac{1}{10}\right)\right] =$$

$$\left(-\frac{1}{3}\right)^3 =$$

$$\left(-\frac{1}{2}\right)^6 =$$

$$\frac{3}{5} : \frac{2}{5} =$$

$$1\frac{1}{7} : \frac{8}{9} =$$

**Bölmede 1. kesre dokunma
çünkü o birinci,**

ikinci kesri ters çevir çarp

$$\left(\frac{1}{7} + \frac{3}{14}\right) : \frac{10}{21} =$$

$$\left(\frac{1}{3} + \frac{3}{5}\right) : 5 \cdot 15 =$$

$$\frac{5}{6} : 5 - \frac{2}{3} =$$

$$1\frac{1}{4} : \frac{5}{6} + \frac{2}{3} =$$

$$1 : \frac{1}{5} : \frac{5}{6} + \frac{2}{3} =$$

$$1 : \frac{1}{6} : \frac{6}{7} : \frac{2}{7} =$$

$$\left(3 + \frac{1}{6}\right) : \left(\frac{5}{7} - \frac{2}{21}\right) =$$

$$1\frac{3}{5} : 2 + 2\frac{1}{2} =$$

$$\frac{1\frac{1}{2}}{\frac{2}{3} + \frac{5}{6}} =$$

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

$$\frac{2}{\frac{2}{5} + \frac{1}{1\frac{1}{2}}} =$$

$$\frac{1}{\frac{2}{3} + \frac{1}{1 - \frac{1}{2}}} =$$