

Tantangan 4 :

Lengkapilah titik-titik di bawah ini :

Pangkat dari perkalian bilangan

$$\begin{aligned} 1. (4 \times 3)^2 &= (4 \times 3) \times (4 \times 3) \\ &= (4 \times \dots) \times (3 \times \dots) \\ &= 4 \dots \times 3 \dots \end{aligned}$$

$$\begin{aligned} 2. (2 \times 5)^3 &= (\dots \times \dots) \times (\dots \times \dots) \times (\dots \times \dots) \\ &= (\dots \times \dots \times \dots) \times (\dots \times \dots \times \dots) \\ &= \dots \times \dots \end{aligned}$$

KESIMPULAN

$$(a \times b)^m = \dots \times \dots$$

Lengkapilah titik-titik di bawah ini :

Pangkat dari pembagian bilangan

$$\begin{aligned} 1. \left(\frac{2}{5}\right)^3 &= \left(\frac{2}{5}\right) \times \left(\frac{2}{5}\right) \times \left(\frac{2}{5}\right) \\ &= \frac{2 \times 2 \times 2}{5 \times 5 \times 5} \\ &= \frac{2}{5} \end{aligned}$$

$$\begin{aligned} 2. \left(\frac{2}{3}\right)^2 &= \left(\frac{\dots}{\dots}\right) \times \left(\frac{\dots}{\dots}\right) \\ &= \left(\frac{\dots \times \dots}{\dots \times \dots}\right) \\ &= \frac{2}{3} \end{aligned}$$

KESIMPULAN

$$\left(\frac{a}{b}\right)^m = \frac{\dots}{\dots}$$

-Semangat Belajar-