

NAMA :

KELAS :

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Masalah 4

$$4 \times 3 = \dots\dots\dots$$

$$(4 \times 3)^2 = (\dots\dots\dots)^2 = \dots\dots\dots (1)$$

$$4^2 = \dots\dots\dots$$

$$3^2 = \dots\dots\dots$$

$$4^2 \times 3^2 = \dots\dots\dots \times \dots\dots\dots = \dots\dots\dots (2)$$

Bagaimana nilai (1) dan (2) ? .....

$$\text{Maka } (4 \times 3)^2 = (\quad)^2 \times (\quad)^2$$

Sehingga diperoleh sifat 4 yaitu

$$4. (ab)^m = a^m \times b^m \text{ dengan } a, b \neq 0, \text{ dan } m \text{ bilangan bulat}$$

Masalah 5

$$\frac{6}{3} = \dots\dots\dots$$

$$\left(\frac{6}{3}\right)^2 = (\dots\dots\dots)^2 = \dots\dots\dots (1)$$

$$6^2 = \dots\dots\dots$$

$$3^2 = \dots\dots\dots$$

$$\frac{6^2}{3^2} = \frac{\dots\dots\dots}{\dots\dots\dots} = \dots\dots\dots (2)$$

Bagaimana nilai (1) dan (2) ? .....

$$\text{Maka } \left(\frac{6}{3}\right)^2 = \frac{\dots\dots\dots^2}{\dots\dots\dots^2}$$

Sehingga diperoleh sifat 5 yaitu

$$5. \left(\frac{a}{b}\right)^m = \frac{a^m}{b^m} \text{ dengan } b \neq 0, \text{ dan } m \text{ bilangan bulat}$$