Lembar Kerja Peserta Didik

Sifat-Sifat Eksponen

Tuliskan hasil dari operasi bilangan berpangkat berikut

$a^m \times a^n = a^{m+n}$

$2^2 \times 2^3 \longrightarrow$ ☐

$2^{-3} \times 2^2 \longrightarrow$ ☐

$2^{-3} \times 2^{-2} \longrightarrow$ ☐

$2 \times 2^{-5} \longrightarrow$ ☐

$(a^m)^n = a^{m \times n}$

$\left(2^2\right)^3 \longrightarrow$ ☐

$\left(2^{-3}\right)^2 \longrightarrow$ ☐

$\left(2^{-2}\right)^{-4} \longrightarrow$ ☐

$\left(2^{-3}\right)^{-2} \longrightarrow$ ☐

$\dfrac{a^m}{a^n} = a^{m-n}$

$\dfrac{2^6}{2^4} \longrightarrow$ ☐

$\dfrac{2^{-6}}{2^2} \longrightarrow$ ☐

$\dfrac{3^{-9}}{3^{-5}} \longrightarrow$ ☐

$\dfrac{3^3}{3^7} \longrightarrow$ ☐

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

$\left(\dfrac{1}{2}\right)^2 \longrightarrow$ ☐

$\left(\dfrac{3}{4^2}\right)^2 \longrightarrow$ ☐

$\left(\dfrac{3^6}{2^4}\right)^{-\frac{1}{2}} \longrightarrow$ ☐

$\left(\dfrac{4^4}{2^2}\right)^{\frac{1}{2}} \longrightarrow$ ☐