LEMBAR KERJA PESERTA DIDIK (LKPD-2)

MATEMATIKA

NAMA :

KELAS :

Dari hasil pengamatan , Lengkapi tabel di bawah ini!

Perpangkatan pada Pecahan	Bentuk Perkalian Berulang	Bentuk Pembagian pada Perpangkatan
$\left(-\dfrac{4}{5}\right)^4$	$\left(-\dfrac{4}{5}\right) \times \left(-\dfrac{4}{5}\right) \times \left(-\dfrac{4}{5}\right) \times \left(-\dfrac{4}{5}\right)$ $= \dfrac{(-4) \times (-4) \times (-4) \times (-4)}{5 \times 5 \times 5 \times 5}$	$\dfrac{(-4)^4}{5^4} = \dfrac{4^4}{5^4}$
$\left(-\dfrac{3}{4}\right)^5$		
$\left(\dfrac{5}{3}\right)^3$		
$\left(-\dfrac{5}{3}\right)^3$		
$\left(-\dfrac{1}{8}\right)^4$		

$$\left(\frac{5}{3}\right) \times \left(\frac{5}{3}\right) \times \left(\frac{5}{3}\right)$$

$$= \frac{5 \times 5 \times 5}{3 \times 3 \times 3}$$

$$\frac{(-1)^4}{8^4}$$

$$\left(-\frac{3}{4}\right) \times \left(-\frac{3}{4}\right) \times \left(-\frac{3}{4}\right) \times \left(-\frac{3}{4}\right) \times \left(-\frac{3}{4}\right)$$

$$= \frac{(-3) \times (-3) \times (-3) \times (-3) \times (-3)}{4 \times 4 \times 4 \times 4 \times 4}$$

$$\frac{5^3}{3^3}$$

$$\left(-\frac{5}{3}\right) \times \left(-\frac{5}{3}\right) \times \left(-\frac{5}{3}\right)$$

$$= \frac{-5 \times -5 \times -5}{3 \times 3 \times 3}$$

$$\frac{-5^3}{3^3}$$

$$\left(-\frac{1}{8}\right) \times \left(-\frac{1}{8}\right) \times \left(-\frac{1}{8}\right) \times \left(-\frac{1}{8}\right)$$

$$= \frac{-1 \times -1 \times -1 \times -1}{8 \times 8 \times 8 \times 8}$$

$$\frac{(-3)^5}{4^5}$$

Setelah melakuan kegiatan diatas informasi apa yang dapat kamu simpulkan?