

Mathematics

# Laws of indices worksheet

Miss Oreyomi



# Questions

Simplify:

a)  $t^5 \times t^3$

b)  $7^4 \div 7$

c)  $\frac{6^8 \times 6^2}{6^5}$

d)  $a^6 \div a^3$

e)  $8^3 \times 8 \times 8^5$

f)  $3^4 \times 3^{-5}$



# Questions

Match the expressions:

a)  $4^4 \times 4^2$

b)  $4^6 \div 4^3$

c)  $\frac{4^5 \times 4^2}{4^{11}}$

d)  $\frac{4^7}{4^3}$

e)  $(9^2)^6$

1.  $4^{-4}$

2.  $4^4$

3.  $4^3$

4.  $9^{12}$

5.  $4^6$

