



Name : ..... Class : .....

## Division of exponents

Simplify the following exponents. Your answer should contain only positive exponents.

1)  $\frac{5^4}{5}$

2)  $\frac{3}{3^3}$

3)  $\frac{2^2}{2^3}$

4)  $\frac{2^4}{2^2}$

5)  $\frac{3r^3}{2r}$

6)  $\frac{7k^2}{4k^3}$

7)  $\frac{10p^4}{6p}$

8)  $\frac{3b}{10b^3}$

9)  $\frac{8m^3}{10m^3}$

10)  $\frac{7n^3}{2n^5}$

## ANSWER SHEET

Simplify the following exponents. Your answer should contain only positive exponents.

$$1) \frac{5^4}{5}$$

$$5^3$$

$$2) \frac{3}{3^3}$$

$$\frac{1}{3^2}$$

$$3) \frac{2^2}{2^3}$$

$$\frac{1}{2}$$

$$4) \frac{2^4}{2^2}$$

$$2^2$$

$$5) \frac{3r^3}{2r}$$

$$\frac{3r^2}{2}$$

$$6) \frac{7k^2}{4k^3}$$

$$\frac{7}{4k}$$

$$7) \frac{10p^4}{6p}$$

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

$$8) \frac{3b}{10b^3}$$

$$\frac{3}{10b^2}$$

$$9) \frac{8m^3}{10m^3}$$

$$\frac{4}{5}$$

$$10) \frac{7n^3}{2n^5}$$

$$\frac{7}{2n^2}$$