

$$= 2 \times 2 \times 2$$

Base \longrightarrow $2^3 = 2 \times 2 \times 2$

Exponent \swarrow

The exponent tells us how many times the base is multiplied by itself.

Rewrite the following exponents using repeated multiplication and solve.
For example, $3^2 = 3 \times 3 = 9$

1) $4^2 =$ _____

6) $8^3 =$ _____

2) $2^8 =$ _____

7) $4^4 =$ _____

3) $3^3 =$ _____

8) $10^5 =$ _____

4) $5^4 =$ _____

9) $12^2 =$ _____

5) $7^2 =$ _____

10) $6^4 =$ _____

Rewrite the following expressions using exponents.
For example, $5 \times 5 = 5^2$

11) $8 \times 8 \times 8 =$ _____

12) $7 \times 7 \times 7 \times 7 =$ _____

13) $6 \times 6 \times 6 \times 6 \times 6 =$ _____

14) $5 \times 5 \times 5 =$ _____

15) $2 \times 2 \times 2 \times 2 =$ _____

16) $10 \times 10 =$ _____

17) $6 \times 6 \times 6 \times 6 \times 6 =$ _____

18) $3 \times 3 \times 3 \times 3 =$ _____

19) $4 \times 4 \times 4 =$ _____

20) $7 \times 7 \times 7 \times 7 \times 7 =$ _____

