Codingal

Exponents - Introduction

Exponent

Base → $2^3 = 2 \times 2 \times 2$

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 = _____

2) 2^8 = _____

3) 3^3 = _____

4) 5^4 = _____

5) 7^2 = _____

6) 8^3 = _____

7) 4^4 = _____

8) 10^5 = _____

9) 12^2 = _____

10) 6^4 = _____

Rewrite the following expressions using exponents in the form of
'Base raised to the power of exponent'

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) 10×10 = _____

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

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

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

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