Square and Cube Numbers

Req. 3, 4, 5 & 10 Times Tables Knowledge

Square & Cube Numbers

A square number is the product of <u>two</u> identical numbers.

$2^2 = 2 \times 2 = 4$

<u>Directions</u>: Find the square of these numbers.

(a) $3^2 = 3 \times 3 = 9$

(b) $4^2 = 4 \times 4 =$

(c) $5^2 =$

(d) $10^2 =$

A cube number is the product of <u>three</u> identical numbers.

$2^3 = 2 \times 2 \times 2 = 8$

<u>Directions</u>: Find the cube of these numbers.

(e) $3^3 = 3 \times 3 \times 3$
$= 9 \times 3$
$= 27$

(f) $4^3 = 4 \times 4 \times 4$
$= 16 \times 4$
$=$

(g) $5^3 =$
$=$
$=$

(h) $10^3 =$
$=$
$=$

ANSWERS

Square & Cube Numbers

A square number is the product of two identical numbers.

$2^2 = 2 \times 2 = 4$

Directions: Find the square of these numbers.

(a) $3^2 = 3 \times 3 = 9$

(b) $4^2 = 4 \times 4 = 16$

(c) $5^2 = 5 \times 5 = 25$

(d) $10^2 = 10 \times 10 = 100$

A cube number is the product of three identical numbers.

$2^3 = 2 \times 2 \times 2 = 8$

Directions: Find the cube of these numbers.

(e) $3^3 = 3 \times 3 \times 3$
$= 9 \times 3$
$= 27$

(f) $4^3 = 4 \times 4 \times 4$
$= 16 \times 4$
$= 64$

(g) $5^3 = 5 \times 5 \times 5$
$= 25 \times 5$
$= 125$

(h) $10^3 = 10 \times 10 \times 10$
$= 100 \times 10$
$= 1{,}000$