

Name: \_\_\_\_\_

## CUBE NUMBERS



Cube Numbers are the result of multiplying a number by itself three times. For example:

$$2^3 = 2 \times 2 \times 2 = 8, \text{ so } 8 \text{ is a cube number}$$

$$3^3 = 3 \times 3 \times 3 = 27, \text{ so } 27 \text{ is a cube number.}$$

**Complete the Cube Numbers Table:**

$1^3$	$= 1 \times 1 \times 1$	$= 1$
$2^3$		
$3^3$		
$4^3$		
$5^3$		

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### 1. Fluency Questions

a)  $2^3 = \underline{\quad}$

b)  $4^3 = \underline{\quad}$

c)  $5^3 = \underline{\quad}$

d)  $10^3 = \underline{\quad}$

The following questions require knowledge of **square** and **cube** numbers

2. Use  $<$ ,  $>$  or  $=$  to make each number statement correct.

a)  $1^2 \bigcirc 1^3$

b)  $5 \times 3 \bigcirc 5^3$

c)  $8^2 \bigcirc 4^3$

$<$  = Less Than

d)  $4^2 \bigcirc 2^3$

e)  $3^2 \bigcirc 2^3$

f)  $4^3 + 6^2 \bigcirc 10^2$

$>$  = More Than

3. Sort the number cards into the correct sections of the Venn diagram.

