

## Cube Numbers

1a. Match the numbers to their cube numbers.

$2^3$	1
$1^3$	64
$4^3$	8



VF

## Cube Numbers

1b. Match the numbers to their cube numbers.

$5^3$	0
$0^3$	27
$3^3$	125



VF

2a. Use  $<$ ,  $>$  or  $=$  to complete the statements below.

$$5^3 \quad \square \quad 125$$

$$9 \quad \square \quad 3^3$$



VF

2b. Use  $<$ ,  $>$  or  $=$  to complete the statements below.

$$4^3 \quad \square \quad 40$$

$$6 \quad \square \quad 2^3$$



VF

3a. Circle the cube numbers.

3                  9                  8

12                15                6

64                18                21



VF

3b. Circle the cube numbers.

23                13                27

30                11                60

1                  5                  7



VF

4a. Solve the calculations.

$$3^3 + 1^3 = \square$$

$$5^3 - 2^3 = \square$$



VF

4b. Solve the calculations.

$$2^3 + 3^3 = \square$$

$$4^3 - 1^3 = \square$$



VF

## Cube Numbers

5a. Match the numbers to their cube numbers.

$6^3$	216
$9^3$	125
$5^3$	729



VF

## Cube Numbers

5b. Match the numbers to their cube numbers.

$8^3$	343
$12^3$	512
$7^3$	1,728



VF

6a. Use  $<$ ,  $>$  or  $=$  to complete the statements below.

$$7^3 \quad \square \quad 434$$

$$521 \quad \square \quad 8^3$$



VF

6b. Use  $<$ ,  $>$  or  $=$  to complete the statements below.

$$10^3 \quad \square \quad 1,000$$

$$215 \quad \square \quad 5^3$$



VF

7a. Circle the cube numbers.

999      261      1,000

343      344      719

152      303      927



VF

7b. Circle the cube numbers.

126      633      133

729      23      512

63      216      279



VF

8a. Solve the calculations.

$$8^3 + 2^3 = \square$$

$$11^3 - 4^3 = \square$$



VF

8b. Solve the calculations.

$$10^3 + 4^3 = \square$$

$$9^3 - 5^3 = \square$$



VF

## Cube Numbers

9a. Match the calculations to the correct answers.

$$9^3 - 5^2 \qquad 1,081$$

$$10^3 + 9^2 \qquad 1,712$$

$$12^3 - 4^2 \qquad 704$$



VF

## Cube Numbers

9b. Match the calculations to the correct answers.

$$7^3 + 12^2 \qquad 612$$

$$11^3 - 6^2 \qquad 487$$

$$8^3 + 10^2 \qquad 1,295$$



VF

10a. Use  $<$ ,  $>$  or  $=$  to complete the statements below.

$$11^3 + 7^2 \quad \square \quad 1,830$$

$$608 \quad \square \quad 9^3 - 11^2$$



VF

10b. Use  $<$ ,  $>$  or  $=$  to complete the statements below.

$$10^3 + 8^2 \quad \square \quad 1,016$$

$$1,385 \quad \square \quad 12^3 - 7^2$$



VF

11a. Complete the calculations below.

$$8^3 + \underline{\quad}^2 = 593$$

$$\underline{\quad}^3 - 12^2 = 199$$



VF

11b. Complete the calculations below.

$$9^3 - \underline{\quad}^2 = 648$$

$$\underline{\quad}^3 + 12^2 = 360$$



VF

12a. Solve the calculations.

$$12^3 + 3^3 - 6^2 = \square$$

$$9^3 - 8^2 + 5^3 = \square$$



VF

12b. Solve the calculations.

$$11^3 + 4^3 - 5^2 = \square$$

$$12^3 - 11^2 + 4^3 = \square$$



VF

## Varied Fluency Cube Numbers

### Developing

1a.  $2^3$  and 8;  $1^3$  and 1;  $4^3$  and 64

2a. =; <

3a. 8 and 64

4a. 28; 117

### Expected

5a.  $6^3$  and 216;  $9^3$  and 729;  $5^3$  and 125

6a. <; >

7a. 343 and 1,000

8a. 520; 1,267

### Greater Depth

9a.  $9^3 - 5^2$  and 704;  $10^3 + 9^2$  and 1,081;  
 $12^3 - 4^2$  and 1,712

10a. <; =

11a. 9; 7

12a. 1,719; 790

## Varied Fluency Cube Numbers

### Developing

1b.  $5^3$  and 125;  $0^3$  and 0;  $3^3$  and 27

2b. >; <

3b. 1 and 27

4b. 35; 63

### Expected

5b.  $8^3$  and 512;  $12^3$  and 1,728;  $7^3$  and 343

6b. =; >

7b. 729, 512 and 216

8b. 1,064; 604

### Greater Depth

9b.  $7^3 + 12^2$  and 487;  $11^3 - 6^2$  and 1,295;  
 $8^3 + 10^2$  and 612

10b. >; <

11b. 9; 6

12b. 1,370; 1,671