

Square and Cube Numbers

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1a. Circle the square numbers and underline the cube numbers.

$4 \times 4 \times 4 = 64$

$11 \times 11 = 121$

$2 \times 2 = 4$

$6 \times 2 = 12$

$4 \times 5 = 20$

$5 \times 5 \times 5 = 125$



VF

1b. Circle the square numbers and underline the cube numbers.

$3 \times 3 \times 3 = 27$

$10 \times 10 = 100$

$5 \times 2 = 10$

$8 \times 8 = 64$

$4 \times 3 = 12$

$2 \times 2 \times 2 = 8$



VF

2a. Complete the calculations.

$7^2 = 7 \times 7 = \square$

$3^3 = 3 \times 3 \times 3 = \square$

$10^2 = 10 \times 10 = \square$



VF

2b. Complete the calculations.

$9^2 = 9 \times 9 = \square$

$5^3 = 5 \times 5 \times 5 = \square$

$12^2 = 12 \times 12 = \square$



VF

3a. Calculate then order from smallest to largest.

$6^2 = 6 \times 6$

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

$12^2 = 12 \times 12$

$9^2 = 9 \times 9$



VF

3b. Calculate then order from largest to smallest.

$11^2 = 11 \times 11$

$3^2 = 3 \times 3$

$4^3 = 4 \times 4 \times 4$

$7^2 = 7 \times 7$



VF

4a. Find the pattern. What is the missing number in the sequence?

$1^3 = 1 \times 1 \times 1 = 1$

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

$3^3 = 3 \times 3 \times 3 = 27$



VF

4b. Find the pattern. What are the missing numbers in the sequence?

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

$4^2 = 4 \times 4 = 16$

$6^2 = 6 \times 6 = 36$



VF

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5a. Circle the square numbers and underline the cube numbers.

8 16 512 121

15 10 81 5

100 60 27 1,000



VF

5b. Circle the square numbers and underline the cube numbers.

49 30 125 18

144 12 1,331 70

216 729 4 25



VF

6a. Complete the calculations.

$$8^2 = \square$$

$$6^3 = \square$$

$$12^2 = \square$$



VF

6b. Complete the calculations.

$$4^3 = \square$$

$$11^2 = \square$$

$$5^3 = \square$$



VF

7a. Calculate then order from smallest to largest.

7^2

5^3

11^3

3^3

6^2



VF

7b. Calculate then order from largest to smallest.

4^2

8^3

12^3

7^3

9^2



VF

8a. Find the pattern. What are the missing numbers in the sequence?

1,728, 1,000, 512, $\square$, $\square$



VF

8b. Find the pattern. What are the missing numbers in the sequence?

16, 36, 64, $\square$, $\square$



VF

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9a. Circle the calculations which are correct.

$$8^2 \div 2^3 = 8$$

$$3^3 \times 10^2 = 270$$

$$\text{cube root of } 512 = 7$$

$$5^3 + 50 = 175$$

$$3^3 + 73 = 100$$



VF

9b. Circle the calculations which are correct.

$$9^2 \times 10^3 = 810$$

$$12^3 - 728 = 10^3$$

$$\text{cube root of } 1,331 = 12$$

$$7^3 + 8^2 = 407$$

$$2^3 \times 5^2 = 33$$



VF

10a. Complete the calculations.

$$7^2 + 6^3 = \square$$

$$12^3 - 10^3 = \square$$

$$\text{square root of } 121 = \square$$



VF

10b. Complete the calculations.

$$4^3 \times 2 = \square$$

$$12^3 + 272 = \square$$

$$\text{square root of } 144 = \square$$



VF

11a. Calculate then order from smallest to largest.

$$10^3 + 12^3$$

$$8^2 + 4^3$$

$$11^2 - \text{cube root of } 729$$

$$3^2 \times 2^3$$

$$6^3 \div 2$$



VF

11b. Calculate then order from largest to smallest.

$$5^3 + 4^2$$

$$8^3 - 3^2$$

$$10^3 \times \text{cube root of } 729$$

$$4^3 \div 2^3$$

$$6^3 + 34$$



VF

12a. Find the pattern. What is the missing number in the sequence?

square root of 144

square root of 100

square root of 64



VF

12b. Find the pattern. What is the missing number in the sequence?

cube root of 8

cube root of 64

cube root of 216



VF