



# Squares and Cubes

Name \_\_\_\_\_

Score \_\_\_\_\_

SC:19

Evaluate each expression.

1)  $5^3 \div 5^2$

\_\_\_\_\_

2)  $4^2 + 7^3$

\_\_\_\_\_

3)  $16^2 \times 1^3$

\_\_\_\_\_

4)  $6^3 - 8^2$

\_\_\_\_\_

5)  $9^2 - 3^2$

\_\_\_\_\_

6)  $20^2 \div 10^2$

\_\_\_\_\_

7)  $3^3 + 4^3$

\_\_\_\_\_

8)  $2^3 \times 5^3$

\_\_\_\_\_

Compare each expression using the symbols  $<$ ,  $>$  or  $=$ .

1)  $15^2 \times 2^2$   900

2)  $10^3 \div 20^2$   6

3)  $7^3 - 5^3$   172

4)  $8^2 + 3^3$   91

5)  $11^2 + 9^2$   350

6)  $2^3 \times 4^3$   500



# Squares and Cubes

Name \_\_\_\_\_

Score \_\_\_\_\_

## Answer key

SC:19

Evaluate each expression.

1)  $5^3 \div 5^2$

5

2)  $4^2 + 7^3$

359

3)  $16^2 \times 1^3$

256

4)  $6^3 - 8^2$

152

5)  $9^2 - 3^2$

72

6)  $20^2 \div 10^2$

4

7)  $3^3 + 4^3$

91

8)  $2^3 \times 5^3$

1,000

Compare each expression using the symbols  $<$ ,  $>$  or  $=$ .

1)  $15^2 \times 2^2$   900

2)  $10^3 \div 20^2$   6

3)  $7^3 - 5^3$   172

4)  $8^2 + 3^3$   91

5)  $11^2 + 9^2$   350

6)  $2^3 \times 4^3$   500