



Squares and Cubes

Name _____

Score _____

SC:17

Evaluate each expression.

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

2) $12^2 + 11^2$

3) $6^3 \div 3^3$

4) $4^3 - 1^3$

5) $7^2 + 5^3$

6) $2^3 \times 10^2$

7) $8^3 \div 4^2$

8) $11^3 - 9^2$

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

1) $2^3 + 4^3$ 101

2) $11^2 - 3^2$ 99

3) $5^2 \times 6^2$ 900

4) $4^3 \div 8^2$ 5

5) $13^2 - 3^3$ 138

6) $1^3 + 7^3$ 344



Squares and Cubes

Name _____

Score _____

Answer key

SC:17

Evaluate each expression.

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

36

2) $12^2 + 11^2$

265

3) $6^3 \div 3^3$

8

4) $4^3 - 1^3$

63

5) $7^2 + 5^3$

174

6) $2^3 \times 10^2$

800

7) $8^3 \div 4^2$

32

8) $11^3 - 9^2$

1,250

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

1) $2^3 + 4^3$ 101

2) $11^2 - 3^2$ 99

3) $5^2 \times 6^2$ 900

4) $4^3 \div 8^2$ 5

5) $13^2 - 3^3$ 138

6) $1^3 + 7^3$ 344