



Squares and Cubes

Name _____

Score _____

Evaluate each expression.

1) $5^3 - 2^3$

2) $11^3 \times 1^3$

3) $7^2 + 8^2$

4) $9^2 \div 3^2$

5) $4^2 \times 6^2$

6) $14^2 - 4^3$

7) $10^3 \div 5^2$

8) $3^3 + 2^2$

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

1) $12^2 - 3^3$ 83

2) $2^3 \times 3^2$ 72

3) $10^2 + 11^2$ 246

4) $17^2 - 13^2$ 111

5) $5^3 \times 2^3$ 1,000

6) $8^3 \div 6^3$ 4



Squares and Cubes

Name _____

Score _____

Answer key

Evaluate each expression.

1) $5^3 - 2^3$

117

2) $11^3 \times 1^3$

1,331

3) $7^2 + 8^2$

113

4) $9^2 \div 3^2$

9

5) $4^2 \times 6^2$

576

6) $14^2 - 4^3$

132

7) $10^3 \div 5^2$

40

8) $3^3 + 2^2$

31

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

1) $12^2 - 3^3$ **>** 83

2) $2^3 \times 3^2$ **=** 72

3) $10^2 + 11^2$ **<** 246

4) $17^2 - 13^2$ **>** 111

5) $5^3 \times 2^3$ **=** 1,000

6) $8^3 \div 6^3$ **<** 4