

Squares and cubes

Evaluate. These are squares and cubes.

1. $6^2 =$ _____

2. $2^3 =$ _____

3. $12^3 =$ _____

4. $9^3 =$ _____

5. $8^3 =$ _____

6. $4^2 =$ _____

7. $11^2 =$ _____

8. $5^2 =$ _____

9. $50^2 =$ _____

10. $40^2 =$ _____

11. $4^3 =$ _____

12. $25^2 =$ _____

Powers of 10

Evaluate each power of 10.

1. $10^2 =$ _____

2. $8 \times 10^3 =$ _____

3. $2 \times 10^4 =$ _____

4. $10^4 =$ _____

5. $3 \times 10^3 =$ _____

6. $10^1 =$ _____

7. $8 \times 10^4 =$ _____

8. $9 \times 10^4 =$ _____

9. $10^6 =$ _____

10. $2 \times 10^3 =$ _____

11. $3 \times 10^2 =$ _____

12. $6 \times 10^2 =$ _____

Exponents of 4 and 5

Evaluate. The exponent is 4 or 5.

1. $4^5 =$ _____

2. $5^4 =$ _____

3. $3^5 =$ _____

4. $4^4 =$ _____

5. $6^4 =$ _____

6. $2^4 =$ _____

7. $3^4 =$ _____

8. $2^5 =$ _____

9. $5^4 =$ _____

10. $2^5 =$ _____

11. $4^4 =$ _____

12. $4^4 =$ _____

Powers in expressions

Evaluate. Do the power before the other operation.

1. $32 \div 4^2 =$ _____

2. $162 \div 3^4 =$ _____

3. $6 \times 4^2 =$ _____

4. $3^4 \times 6 =$ _____

5. $114 - 9^2 =$ _____

6. $75 + 8^2 =$ _____

7. $7^2 - 7 =$ _____

8. $3 + 2^2 =$ _____

9. $3 \times 12^2 =$ _____

10. $12 \times 6^2 =$ _____

11. $11^2 \times 5 =$ _____

12. $7 \times 6^2 =$ _____