

Name : _____

Algebraic Identities

Mixed: S1

Evaluate each expression using algebraic identities.

1) 55^2

2) $102^2 - 2^2$

3) 203^3

5) 0.8×1.1

7) $12.9^2 - 7.1^2$

9) 3.6×4.4

10) 502×499

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Name : _____

Answer key

Algebraic Identities

Mixed: S1

Evaluate each expression using algebraic identities.

1) 55^2

3,025

2) $102^2 - 2^2$

10,400

3) 203^3

8,365,427

5) 0.8×1.1

0.88

7) $12.9^2 - 7.1^2$

116

9) 3.6×4.4

15.84

10) 502×499

250,498

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