

Name : \_\_\_\_\_

## Algebraic Identities

Mixed: S2

Evaluate each expression using algebraic identities.

1)  $96 \times 103$

2)  $397^2$

3)  $61^2 - 39^2$

5)  $2.8 \times 1.2$

7)  $1004^3$

9)  $13.8 \times 13.3$

10)  $98^3$

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Name : \_\_\_\_\_

## Answer key

### Algebraic Identities

Mixed: S2

Evaluate each expression using algebraic identities.

1)  $96 \times 103$

**9,888**

2)  $397^2$

**157,609**

3)  $61^2 - 39^2$

**2,200**

5)  $2.8 \times 1.2$

**3.36**

7)  $1004^3$

**1,012,048,064**

9)  $13.8 \times 13.3$

**183.54**

10)  $98^3$

**941,192**

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