

Name : _____

Algebraic Identity

Sheet 3

Evaluate each expression using algebraic identity.

1) $6.74^2 - 3.26^2$

2) $684^2 - 484^2$

3) $514^2 - 486^2$

5) $335^2 - 165^2$

7) $135.48^2 - 64$

9) $26^2 - 24^2$

10) $321.9^2 - 178.1^2$

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Name : _____

Answer key

Sheet 3

Algebraic Identity

Evaluate each expression using algebraic identity.

1) $6.74^2 - 3.26^2$

34.8

2) $684^2 - 484^2$

233,600

3) $514^2 - 486^2$

28,000

5) $335^2 - 165^2$

85,000

7) $135.48^2 - 64.52^2$

14,192

9) $26^2 - 24^2$

100

10) $321.9^2 - 178.1^2$

71,900

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