Name

Polynomial Algebra Difference of Squares - Variables - Simplify

1 What does this expression simplify to?

$$d^2 - y^2$$

A $(d+y)^2$

B $(d+y)(d-y)$

C $(d-y)^2$

2 What does this expression simplify to?

$$b^2 - y^2$$

A $(b-y)^2$

B $(b+y)(b-y)$

C $(b+y)^2$

3 What does this expression simplify to?

$$m^2 - z^2$$

A $(m+z)^2$

B $(m+z)(m-z)$

C $(m-z)^2$

4 What does this expression simplify to?

$$c^2 - y^2$$

A $(c-y)^2$

B $(c+y)(c-y)$

C $(c+y)^2$

5 What does this expression simplify to?

$$p^2 - n^2$$

A $(p+n)(p-n)$

B $(p-n)^2$

C $(p+n)^2$

6 What does this expression simplify to?

$$r^2 - m^2$$

A $(r+m)^2$

B $(r-m)^2$

C $(r+m)(r-m)$

7 What does this expression simplify to?

$$b^2 - d^2$$

A $(b-d)^2$

B $(b+d)(b-d)$

C $(b+d)^2$

8 What does this expression simplify to?

$$b^2 - p^2$$

A $(b+p)(b-p)$

B $(b-p)^2$

C $(b+p)^2$