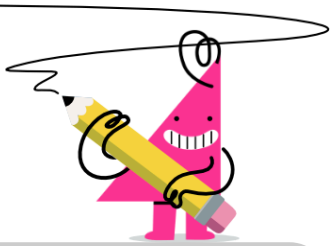
Name



Polynomial Algebra Difference of Squares - Variables and Integers - Simplify

1 What does this expression simplify to?

$$y^2 - 49$$

A $(y+7)^2$

B $(y+7)(y-7)$

C $(y-7)^2$

2 What does this expression simplify to?

$$b^2 - 25$$

A $(b-5)^2$

B $(b+5)^2$

C $(b+5)(b-5)$

3 What does this expression simplify to?

$$c^2 - 4$$

A $(c+2)^2$

B $(c+2)(c-2)$

C $(c-2)^2$

4 What does this expression simplify to?

$$c^2 - 16$$

A $(c+4)^2$

B $(c+4)(c-4)$

C $(c-4)^2$

5 What does this expression simplify to?

$$r^2 - 25$$

A $(r-5)^2$

B $(r+5)^2$

C $(r+5)(r-5)$

6 What does this expression simplify to?

$$x^2 - 49$$

A $(x+7)^2$

B $(x+7)(x-7)$

C $(x-7)^2$

7 What does this expression simplify to?

$$d^2 - 64$$

A $(d+8)^2$

B $(d+8)(d-8)$

C $(d-8)^2$

8 What does this expression simplify to?

$$z^2 - 81$$

A $(z-9)^2$

B $(z+9)(z-9)$

C $(z+9)^2$