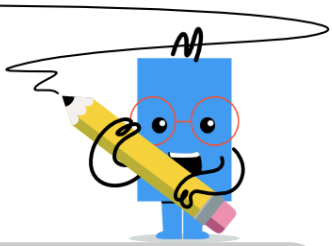
Name

Polynomials - Complete the Square (to Polynomial)



1

$t^2 - 18t + ?$

Which constant value makes this polynomial a perfect square?

A $t^2 - 18t + 81$

B $t^2 - 18t + 79$

2

$x^2 - 8x + ?$

Which constant value makes this polynomial a perfect square?

A $x^2 - 8x + 16$

B $x^2 - 8x + 18$

3

$y^2 + 16y + ?$

Which constant value makes this polynomial a perfect square?

A $y^2 + 16y + 63$

B $y^2 + 16y + 64$

4

$r^2 + 2r + ?$

Which constant value makes this polynomial a perfect square?

A $r^2 + 2r + 0$

B $r^2 + 2r + 1$

5

$n^2 + 2n + ?$

Which constant value makes this polynomial a perfect square?

A $n^2 + 2n + 3$

B $n^2 + 2n + 1$

6

$t^2 - 12t + ?$

Which constant value makes this polynomial a perfect square?

A $t^2 - 12t - 36$

B $t^2 - 12t + 36$

7

$z^2 + 18z + ?$

Which constant value makes this polynomial a perfect square?

A $z^2 + 18z + 81$

B $z^2 + 18z + 80$

8

$m^2 - 16m + ?$

Which constant value makes this polynomial a perfect square?

A $m^2 - 16m + 62$

B $m^2 - 16m + 64$