Name

Polynomial Inequalities - Expanded Quadratic - Sign in an Interval

1

$x^2 + x - 12$

Is this polynomial positive or negative on the interval (-∞, -4)?

A Negative

B Positive

2

$x^2 + 4x + 3$

Is this polynomial positive or negative on the interval (-∞, -3)?

A Negative

B Positive

3

$x^2 + 5x + 6$

Is this polynomial positive or negative on the interval (-2, ∞)?

A Negative

B Positive

4

$x^2 - 16$

Is this polynomial positive or negative on the interval (-4, 4)?

A Positive

B Negative

5

$x^2 - x - 2$

Is this polynomial positive or negative on the interval (-1, 2)?

A Negative

B Positive

6

$x^2 - 2x$

Is this polynomial positive or negative on the interval (0, 2)?

A Negative

B Positive

7

$x^2 - x - 6$

Is this polynomial positive or negative on the interval (-∞, -2)?

A Negative

B Positive

8

$x^2 + x - 2$

Is this polynomial positive or negative on the interval (-∞, -2)?

A Negative

B Positive