

Completing the Square

Complete the square.

- (a) $x^2 + 10x$
- (b) $x^2 + 8x$
- (c) $x^2 - 8x$
- (d) $x^2 - 6x + 3$
- (e) $x^2 - 6x - 3$
- (f) $x^2 + 4x - 3$

Completing the Square

Complete the square.

- (a) $x^2 + 10x$
- (b) $x^2 + 8x$
- (c) $x^2 - 8x$
- (d) $x^2 - 6x + 3$
- (e) $x^2 - 6x - 3$
- (f) $x^2 + 4x - 3$

Write in completed square format.

- (a) $x^2 - 5x$
- (b) $x^2 + 7x$
- (c) $x^2 + 7x - 5$
- (d) $x^2 - 9x - 5$
- (e) $x^2 - 9x + 5$
- (f) $x^2 - 9x + 13$

Write in completed square format.

- (a) $x^2 - 5x$
- (b) $x^2 + 7x$
- (c) $x^2 + 7x - 5$
- (d) $x^2 - 9x - 5$
- (e) $x^2 - 9x + 5$
- (f) $x^2 - 9x + 13$

Complete the square.

- (a) $2x^2 + 12x$
- (b) $2x^2 + 8x$
- (c) $2x^2 - 8x$
- (d) $2x^2 - 8x + 3$
- (e) $2x^2 - 6x + 3$
- (f) $3x^2 - 6x + 3$

Complete the square.

- (a) $2x^2 + 12x$
- (b) $2x^2 + 8x$
- (c) $2x^2 - 8x$
- (d) $2x^2 - 8x + 3$
- (e) $2x^2 - 6x + 3$
- (f) $3x^2 - 6x + 3$

Write in completed square format.

- (a) $3x^2 - 6x + 5$
- (b) $3x^2 + 6x + 5$
- (c) $4x^2 + 16x + 5$
- (d) $4x^2 - 16x - 5$
- (e) $5x^2 - 30x + 9$
- (f) $5x^2 + 30x - 9$

Write in completed square format.

- (a) $3x^2 - 6x + 5$
- (b) $3x^2 + 6x + 5$
- (c) $4x^2 + 16x + 5$
- (d) $4x^2 - 16x - 5$
- (e) $5x^2 - 30x + 9$
- (f) $5x^2 + 30x - 9$