**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) $x^{2}-9x+13$

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) $5x^{2}+30x-9$

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Complete the square.

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