**Solving Harder Quadratic Equations**

Solve these quadratic equations.

(a) $2x^{2}+11x+5=0$

(b) $2x^{2}+5x-3=0$

(c) $3x^{2}-7x+2=0$

(d) $2x^{2}+x-15=0$

(e) $2x^{2}-3x-5=0$

(f) $2x^{2}+5x+3=0$

Solve these quadratic equations.

(a) $x^{2}-5x=0$

(b) $x^{2}+7x=0$

(c) $2x^{2}+14x=0$

(d) $2x^{2}-7x=0$

Solve these quadratic equations.

(a) $x^{2}-25=0$

(b) $x^{2}-144=0$

(c) $2x^{2}-32=0$

(d) $5x^{2}-45=0$

Solve these quadratic equations.

(a) $x^{2}=24+2x$

(b) $30+x^{2}=13x$

(c) $2x^{2}=3-x$

(d) $7x^{2}+13x=10-20x$

(e) $15+2x=2x^{2}+3x$

(f) $x^{2}+5x+56=20x$

**Solving Harder Quadratic Equations**

Solve these quadratic equations.

(a) $2x^{2}+11x+5=0$

(b) $2x^{2}+5x-3=0$

(c) $3x^{2}-7x+2=0$

(d) $2x^{2}+x-15=0$

(e) $2x^{2}-3x-5=0$

(f) $2x^{2}+5x+3=0$

Solve these quadratic equations.

(a) $x^{2}-5x=0$

(b) $x^{2}+7x=0$

(c) $2x^{2}+14x=0$

(d) $2x^{2}-7x=0$

Solve these quadratic equations.

(a) $x^{2}-25=0$

(b) $x^{2}-144=0$

(c) $2x^{2}-32=0$

(d) $5x^{2}-45=0$

Solve these quadratic equations.

(a) $x^{2}=24+2x$

(b) $30+x^{2}=13x$

(c) $2x^{2}=3-x$

(d) $7x^{2}+13x=10-20x$

(e) $15+2x=2x^{2}+3x$

(f) $x^{2}+5x+56=20x$