

**Solving Equations with Unknowns on Both Sides**

Solve these equations.

- (a)  $5x = 2x + 18$
- (b)  $6x = x + 10$
- (c)  $8x = 2x + 30$
- (d)  $7x = 3x - 16$
- (e)  $5x = 3x + 11$

Solve these equations.

- (a)  $5x - 14 = 3x$
- (b)  $7x - 6 = 4x$
- (c)  $2x - 7 = x$
- (d)  $7x + 4 = 5x$
- (e)  $6x + 15 = 4x$

Solve these equations.

- (a)  $2x - 3 = 5x$
- (b)  $3x + 11 = 4x$
- (c)  $5x - 12 = 8x$
- (d)  $44 + 3x = 7x$
- (e)  $x - 9 = 2x$

Solve these equations.

- (a)  $25 - 2x = 3x$
- (b)  $4x = 7 - 3x$
- (c)  $-6x = 15 - x$
- (d)  $20 - 6x = 2x$
- (e)  $35 - 4.5x = 0.5x$
- (f)  $-4x + 11 = x$
- (g)  $3.5x = 16.5 - 2x$
- (h)  $43 - x = 3x$
- (i)  $7x = -5x + 6$
- (j)  $-9 - 4x = -2x$

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