

Solving Equations with Brackets

Solve these equations.

- (a) $3(x + 1) = 18$
- (b) $3(x - 1) = 18$
- (c) $4(x - 3) = 8$
- (d) $10 = 2(x + 7)$
- (e) $5(x - 2) = 8$
- (f) $25 = 4(x + 4)$

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Solve these equations.

- (a) $3(x + 1) = 2x$
- (b) $4x = 6(x - 3)$
- (c) $4(x + 5) = x + 2$
- (d) $4(x - 1) = 2x + 5$
- (e) $2(x + 5) = x - 3$
- (f) $3x - 1 = 2(3x + 4)$

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- (b) $3(x - 1) = 2(x + 4)$
- (c) $4(x - 1) = 2(x + 4)$
- (d) $4(x - 3) = 2(x - 1)$
- (e) $5(x + 1) = 2(2x + 5)$
- (f) $2(x - 1) = 7(x + 4)$
- (g) $3(x - 1) = 4(x + 2)$
- (h) $3(2x - 1) = 8(x + 2)$

Solve these equations.

- (a) $3(x + 1) = 2(x + 4)$
- (b) $3(x - 1) = 2(x + 4)$
- (c) $4(x - 1) = 2(x + 4)$
- (d) $4(x - 3) = 2(x - 1)$
- (e) $5(x + 1) = 2(2x + 5)$
- (f) $2(x - 1) = 7(x + 4)$
- (g) $3(x - 1) = 4(x + 2)$
- (h) $3(2x - 1) = 8(x + 2)$

Solve these equations.

- (a) $3(x + 1) + 2(x + 4) = 1$
- (b) $3(x - 1) + 2x = 12$
- (c) $5x + 2(x + 3) = 41$
- (d) $4(x + 2) - 2(x + 1) = 2$
- (e) $5(x + 3) - 3(x - 1) = 30$
- (f) $3 = 7(x - 3) - 2(x - 1)$

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