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Equations with Variables on Both Sides

Practice Worksheet A

1 Practice Problems

Solve each equation for x.

1) $4x - 19 = x + 11$

5) $3x - 53 = 5x + 13$

2) $2x - 3 = 11x - 21$

6) $55x + 19 = -5x - 41$

3) $-22 - x = 10 - 3x$

7) $4 - 8x = -1 - 3x$

4) $22 + x = -x - 46$

8) $29 - x = x - 19$

Equations with Variables on Both Sides

Practice Worksheet A

1 Practice Problems

Solve each equation for x.

1) $4x - 19 = x + 11$

$x = 10$

5) $3x - 53 = 5x + 13$

$x = -33$

2) $2x - 3 = 11x - 21$

$x = 2$

6) $55x + 19 = -5x - 41$

$x = -1$

3) $-22 - x = 10 - 3x$

$x = 16$

7) $4 - 8x = -1 - 3x$

$x = 1$

4) $22 + x = -x - 46$

$x = -34$

8) $29 - x = x - 19$

$x = 24$