

Solving Equations13

Geometry

Solve, check, and graph the following equations.

1) $-13x + 17x = -16$

2) $3x - 7x + 41 = 29$

3) $12 - 5x - 32 + 15x = 30$

4) $-121 - 4x = -15x$

5) $8x - 11 = 3 - 6x$

6) $130 = -10(7 + 4x)$

7) $5(7x - 3) = 29x + 51$

8) $5x^2 + 7 = 87$

9) $4x^3 + 13 = -19$

10) $7(-2y + 7) = -26y + 13$

11) $-4x + 4 = -2(10 - x)$