Evaluate the following expressions.

1) $48 \div (5x - 6)^2 \cdot y - 12;$ $x = 2, y = 14$

2) $p^2 \div (2 + q)^2 + r^3 - 10;$ $p = 12, q = 4, r = 3$

Solve, check, and graph the following equations.

3) $\dfrac{p}{7} - 11 = -3$

4) $-6g^2 + 13 = 163$

5) $70 = 7x + 3x$

6) $-63 = 2x + 5x$

7) $33 = 9x - 6x$

8) $50 = x + 12x - 15$

9) $-32 = 5x + 4x + 13$

10) $27 = -21 + 16x - 8x$