Solve, check, and graph the following equations.

1) $65 = -12x + 5$ 2) $-22 = -q - 8$ 3) $3x + 5x = 48$

4) $x + 11x = -108$ 5) $8x - 3x = -40$ 6) $4x + 2x - 5 = 61$

7) $3x + 7 + 3x = -35$ 8) $7x + 19 - 6x = 15$

Evaluate the following expressions.

9) $(15d - d \div 3) \div f^2 + 17;$ $d = 6, f = 2$ 10) $(10a^2 + 4(5))b^2 - (3/2)c \cdot 7;$ $a = 2, b = 1/2, c = 6$