Solving Equations 5
Geometry

Evaluate the following expressions given the indicated value for the variable.

1) $14 - d + 13 \cdot 2, \quad d = -6$

2) $48 \div 3(v)^2 - 4(v), \quad v = -2$

Solve, check and graph the following equations

3) $77 = 54 + k$

4) $-51 = -16 + z$

5) $a^2 = 196$

6) $-8 = 5p + 7$

7) $\dfrac{p}{9} - 11 = -7$

8) $b^2 + 14 = 183$

9) $63 = \dfrac{v}{3} + 39$

10) $-j - 17 = 28$

11) $100 = 44 - 4m^2$