

1. Solve each of the following equations **without** using the quadratic formula:

(1) $8y(-2y + 9) = 0$

(2) $(-7y - 7)(-6y + 1) = 0$

(3) $9(-6z - 10)(-10z - 4) = 0$

(4) $(-9 + x)^9 = 0$

2. Solve each of the following equations **without** using the quadratic formula:

(1) $3z(2 + 5z) = 0$

(2) $(-y - 5)(3 - 5y) = 0$

(3) $6(-5 + 9z)(-6z - 6) = 0$

(4) $(10z - 4)^5 = 0$

3. Solve each of the following equations **without** using the quadratic formula:

(1) $6z(9z + 2) = 0$

(2) $(1 + 4y)(-3 + 6y) = 0$

(3) $2(4 + 4y)(-3 + 3y) = 0$

(4) $(4 - 6y)^5 = 0$