

Review

Date _____ Period _____

Solve each equation using any method.

1) $2(5n + 4)(7n - 8) = 0$

2) $7(4n - 3)(n + 5) = 0$

3) $(2x - 7)(x - 2) = 0$

4) $r^2 - 6r + 8 = 0$

5) $n^2 + 12n + 35 = 0$

6) $n^2 + 2n = 0$

7) $m^2 + m - 2 = 0$

8) $v^2 + 4v + 4 = 0$

9) $3a^2 - 10a - 25 = 0$

10) $n^2 + 8n - 65 = 0$

11) $5n^2 - 4n - 64 = 0$

12) $3x^2 - 7x - 26 = 0$

Simplify.

13) $(-8i) - (i)$

14) $(7 - 5i) + (8i)$

15) $(-4 + 8i)(3 + 7i)$

16) $(8 - 5i)(-7 - 7i)$