Quadratic Equations

Find the solutions to each equation and graph them.

1) $x^2 + 12x + 35 = 0$

2) $d^2 - 5d - 36 = 0$

3) $a^2 + 10a + 25 = 0$

4) $k^2 - 16 = 0$

5) $2w^2 + 4w - 48 = 0$

6) $2c^2 + 7c + 3 = 0$

7) $3u^2 - 75 = 0$

8) $4f^2 + 16f + 15 = 0$

9) $m^2 + 8m + 8 = -7$

10) $x^2 - x - 30 = 0$

11) $c^2 + 7c + 12 = 0$

12) $b^2 + 4b - 21 = 0$

13) $t^2 - 9 = 0$

14) $a^2 + 6a + 9 = 0$

15) $0 = 4k^2 - 12k + 8$

16) $0 = 3v^2 + 17v + 20$

17) $2v^2 + 13v - 7 = 0$

18) $t^2 + 12t + 12 = -8$

19) $q^2 - 5q - 24 = 0$

20) $p^2 - 12p + 36 = 0$

21) $z^2 - 49 = 0$

22) $0 = u^2 + 3u - 40$

23) $5r^2 - 20 = 0$

24) $0 = 9y^2 + 30y + 25$

25) $5a^2 + 21a + 4 = 0$

26) $0 = 6v^2 + v - 2$

27) $2r^2 - 9r = 5$

28) $0 = x^2 - 12x - 28$

29) $16t^2 + 24t + 9 = 0$

30) $3v^2 - 7v + 4 = 0$

31) $0 = 3m^2 + 24m + 36 = 0$

32) $0 = b^2 - 81$

33) $2v^2 - 9v - 5 = 0$

34) $0 = d^2 + 4d + 4$

35) $3m^2 - 48 = 0$

36) $6w^2 - 7w - 5 = 5$