

$$18. x = \frac{-3 \pm \sqrt{17}}{2}$$

$$24. x = -\frac{1}{3}, 4$$

$$19. x = 1 \pm \sqrt{5}$$

$$25. x = \frac{-1 \pm i\sqrt{7}}{4}$$

$$21. x = -3 \pm 7i$$

$$27. q = -1, \frac{9}{7}$$

$$22. x = \frac{7 \pm 3i\sqrt{3}}{2}$$

$$28. r = \frac{-1 \pm 3i}{4}$$

$$30. u = \frac{2}{3} \pm 3i \quad \text{or} \quad u = \frac{2 \pm 9i}{3}$$

$$31. v = -\frac{2}{5} \pm \frac{\sqrt{26}}{10} \quad \text{or} \quad v = \frac{-4 \pm \sqrt{26}}{10}$$