

Answer Key

Practice B

1. $\pm 1, \pm 2, \pm 4$ 2. $\pm 1, \pm 2, \pm 3, \pm 6, \pm \frac{1}{2}, \pm \frac{3}{2}$
3. $\pm 1, \pm 2, \pm 4, \pm 8, \pm \frac{1}{3}, \pm \frac{2}{3}, \pm \frac{4}{3}, \pm \frac{8}{3}$
4. $-2, \frac{1}{2}, 3$ 5. $-\frac{8}{3}, -1, 1$ 6. $-\frac{3}{2}, \frac{1}{4}, 2$
7. $-2, 1, 5$ 8. $-3, -1, -\sqrt{2}, \sqrt{2}$
9. $-3, -1, \frac{1}{2}, 1$ 10. $-\sqrt{2}, \sqrt{2}, \frac{5}{2}$ 11. $-\frac{3}{2}, \frac{1}{2}, 3$
12. $-\sqrt{3}, \sqrt{3}, 3$ 13. $-2, -\sqrt{2}, \sqrt{2}, \frac{1}{2}$
14. $-3, -\sqrt{2}, 1, \sqrt{2}$
15. $-3, 1, -\frac{1 + \sqrt{17}}{4}, -\frac{1 - \sqrt{17}}{4}$
16. $t^3 - 13t^2 + 65t - 105 = 0$
17. $\pm 1, \pm 3, \pm 5, \pm 7, \pm 15, \pm 21, \pm 35, \pm 105$
18. 1, 3, 5, 7 19. 1983