



Factor Theorem 1 - SOLUTIONS



1. $(x + 2)(x - 3)$
2. $(x + 3)(x + 4)$
3. $x = 1, -3, 5$
4. $x = 2, -3, 4$
5. $x = -2, 4, -4$
6. $x = -2, -3, 5$
7. $x = -\frac{2}{3}, 1, -1$
8. $k = -2 \quad (x - 1)(x + 2)$
9. $p = -11 \quad (x + 4)(x - 3)$
10. $k = 2 \quad (x + 1)(2x - 1)$
11. $a = -2, b = 1 \quad x = -2, 3, 1$
12. $p = -3, q = -10 \quad x = -3, 4, 2$
13. $a = 2, b = 2 \quad x = \frac{1}{2}, -3, -1$

