

Math C

7.2 Practice Problems - part 2

Find the vertex of a quadratic function and state its range.

1. $y = (x - 5)(x + 7)$

2. $y = (x - 6)(x - 12)$

3. $y = -(x + 4)(x - 6)$

4. $y = -(x + 11)(x + 3)$

5. $y = (x - 3)(x + 5)$

6. $y = (x + 9)(x - 5)$

7. $y = -(x - 1)(x - 19)$

8. $y = -(x + 18)(x + 6)$

9. $y = (2x + 5)(2x + 9)$

10. $y = (3x - 7)(3x - 11)$

11. $y = -(2x - 11)(2x + 3)$

12. $y = -(5x + 11)(5x - 16)$