

Math C

7.1 Practice Problems - part 1

Find the vertex of a quadratic function given in standard form.

1. $y = x^2 - 22x + 40$

2. $y = x^2 - 2x - 35$

3. $y = -x^2 - 6x - 12$

4. $y = 44 - x^2 - 7x$

5. $y = x^2 - 8x + 10$

6. $y = x^2 - 8x + 22$

7. $y = -6x^2 - 6x + 72$

8. $y = -5x^2 + 10x - 20$

9. $y = 6x^2 - x - 2$

10. $y = 2x^2 - 3x - 3$

11. $y = -3 - 8x^2 + 6x$

12. $y = -9x^2 + 6x - 5$