Does the parabola open upward or downward? Explain.

1. $y = x^2 - 9x + 20$

2. $y = x^2 - 12x + 32$

3. $y = -2x^2 + 5x + 12$

4. $y = -6x^2 + 13x - 6$

5. $y = 64 - x^2$

6. $y = -3x + 9x^2$

LIVEWORKSHEETS