

Assessment 6.1

Analyzing

1. Analyze the function: $f(x) = (x - 2)^2 + 5$

1. Domain: _____

2. Range: _____

3. Increasing _____
Decreasing _____

4. Continuity _____

5. Boundedness _____

6. Extrema _____

7. Asymptotes _____

8. Symmetry _____

9. End Behavior _____

10. Graph (must have at least 3 anchor points)

Analyze the function: $f(x) = \sqrt{2x + 4}$

1. Domain: _____

2. Range: _____

3. Increasing _____

Decreasing _____

4. Continuity _____

5. Boundedness _____

6. Extrema _____

7. Asymptotes _____

8. Symmetry _____

9. End Behavior _____

Graph (must have at least 3 anchor points)