Name_____ No calculators. Present neatly. Score_____.

1. Find the domain of the function.

$$g(t) = \sqrt{3 - t} - \sqrt{2 + t}$$

2. Find the domain and sketch the graph of the function.

$$H(t) = \frac{4 - t^2}{2 - t}$$

3. Find an expression for the function whose graph is the given curve.

The line segment joining the points $(1, -3)$ and $(5, 7)$

Your work:

Name_____ No calculators. Present neatly. Score_____.

1. Find the domain of the function.

$$h(x) = \frac{1}{\sqrt[4]{x^2 - 5x}}$$

2. Find the domain and sketch the graph of the function.

$$F(x) = |2x + 1|$$

3. Find an expression for the function whose graph is the given curve.

The line segment joining the points $(-5, 10)$ and $(7, -10)$

Your work: