

Name: \_\_\_\_\_ Score: \_\_\_\_\_

1. Evaluate the indicated limit, if it exists

$$\lim_{x \rightarrow 1} \frac{x^3 - 1}{x^2 + 2x - 3}$$

2. Determine the intervals on which  $f(x) = \sqrt{x^2 - 4}$  is continuous.

—— Good luck! ——