

1) Find the limit below.

$$\lim_{x \rightarrow 4} \frac{x - 4}{x^2 - 6x + 8} =$$

2) Find the limit below.

$$\lim_{x \rightarrow 4} \frac{x^2 - 7x - 8}{x - 4} =$$

3) Find the limit below.

$$\lim_{x \rightarrow \infty} \frac{5x^2 + 2x + 1}{3x^3 + 2x^2 - 7x} =$$

4) Use the graph to find the limit below.

$$\lim_{x \rightarrow 1^-} f(x) =$$

5) Sketch a graph of the function below.

$$f(x) = \frac{x-3}{x-1}$$

