1.
$$\lim_{x\to 72} (x-2) = 2-2 = 0$$

3.
$$\lim_{x \to 2} f(x) = \frac{5}{0} = +\infty$$

$$Exh: 1. \lim_{x\to -\infty} f(x) = \lim_{x\to -\infty} \frac{2x}{x} = 2$$

3.
$$\lim_{x \to -1} f(x) = \frac{2 \times (-1) - 3}{-1 + 1} = \frac{-5}{0} = +\infty$$