9 Limits

- 1. Evaluate the limit $\lim_{x\to\infty} 3x + 2$ and describe its meaning using words.
- 2. Find the value of:

3. Find the value of:

 $\lim_{x \to 2} \frac{x^2 - 4}{x + 2}$

$$\lim_{x \to 0} \frac{x^2 + 4x - 12}{x - 2}$$

4. Evaluate:

 $\lim_{t \to 0} \frac{t-3}{2t^2 - 5t - 3}$

5. Evaluate:

$$\lim_{h \to 49} \frac{\sqrt{h} - 7}{h - 49}$$