# Limit Examples with SimBraille

1. The limit as x approaches three of f of x is written

$$\lim_{x \to 3} f(x)$$

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2. The limit as x goes to five of x squared minus six is written

$$\lim_{x \to 5} x^2 - 6$$

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3. The limit as x approaches negative infinity of one over x is written

$$\lim_{x \to -\infty} \frac{1}{x}$$

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4. The limit as x goes to two from the right of open fraction three over x minus two close fraction is written

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

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