

1.  $\lim_{x \rightarrow 3} 5 =$

2.  $\lim_{x \rightarrow 7} x =$

3.  $\lim_{x \rightarrow 8} \sqrt[3]{x} =$

4.  $\lim_{x \rightarrow 8} \log_2 x =$

5.  $\lim_{x \rightarrow 0} e^x =$

6.  $\lim_{x \rightarrow 2} \frac{4}{x+3} =$

7.  $\lim_{x \rightarrow 2} \frac{x-2}{x+3} =$

8.  $\lim_{x \rightarrow 5^-} \frac{3}{x-5} =$

9.  $\lim_{x \rightarrow 5^+} \frac{3}{x-5} =$

10.  $\lim_{x \rightarrow 5} \frac{3}{x-5} =$

11.  $\lim_{x \rightarrow 5^-} \frac{x}{(x-5)^2} =$

12.  $\lim_{x \rightarrow 5^+} \frac{x}{(x-5)^2} =$

13.  $\lim_{x \rightarrow 5} \frac{x}{(x-5)^2} =$

14.  $\lim_{x \rightarrow 2} \frac{2x^2+x-1}{x^2-1} =$

$$15. \quad \lim_{x \rightarrow 0.5} \frac{2x^2 + x - 1}{x^2 - 1} =$$

$$16. \quad \lim_{x \rightarrow -1} \frac{2x^2 + x - 1}{x^2 - 1} =$$

$$17. \quad \lim_{x \rightarrow 2} \frac{x - 2}{\sqrt{x + 7} - 3} =$$

$$18. \quad \lim_{x \rightarrow 5} \frac{\sqrt{x + 11} - 4}{x^2 - 25} =$$

$$19. \quad \lim_{x \rightarrow 0^+} \ln x =$$

$$20. \quad \lim_{x \rightarrow +\infty} (\ln x) =$$