

5. How many different types of limits introduced here? Write their definitions down.

6. State all theorems which help you computing limits of functions.

111.19 Find the limit $\lim_{x \rightarrow -4} \frac{\frac{1}{4} + \frac{1}{x}}{4 + x}$.

111.21 Find the limit $\lim_{x \rightarrow 16} \frac{4 - \sqrt{x}}{16x - x^2}$.