

$$1) \lim_{x \rightarrow 3} 5$$

HW

page Exercise  
~~2.5~~ 2.5

$$2) \lim_{x \rightarrow 4} \pi$$

#s 1, 4, 8,  
13, 14

$$3) \lim_{x \rightarrow 6} 2x - 3$$

$$4) \lim_{x \rightarrow -2} x^2 + 3x + 5$$

$$5) \lim_{x \rightarrow 0} e^x$$

$$6) \lim_{x \rightarrow 2} \frac{x^2 - 4}{x - 2}$$

$$7) \lim_{x \rightarrow 0} f(x) \text{ if } f(x) = \begin{cases} 3x, & x \neq 0 \\ 2, & x = 0 \end{cases}$$

$$8) \lim_{x \rightarrow 4} f(x) \text{ if } f(x) = \begin{cases} 4 - x, & x \neq 4 \\ 4, & x = 4 \end{cases}$$

$$9) \lim_{x \rightarrow 5} \frac{x - 5}{x^2 - 25}$$

$$10) \lim_{x \rightarrow -3} \frac{x^2 - 2x - 15}{x + 3}$$