3.1   1) $\lim\limits_{x \to 2} 5\,x = 5 \cdot 2 = 10$

2) $\lim\limits_{x \to 2} 2\,x + 3 = 2 \cdot 2 + 3 = 7$

3) $\lim\limits_{x \to 2} x^2 - 4\,x + 1 = 2^2 - 4 \cdot 2 + 1 = -3$

4) $\lim\limits_{x \to -4} \sqrt{25 - x^2} = \sqrt{25 - (-4)^2} = 3$

5) $\lim\limits_{x \to 1} \dfrac{x^2 - 4}{x^2 + 4} = \dfrac{1^2 - 4}{1^2 + 4} = -\dfrac{3}{5}$

6) $\lim\limits_{x \to 3} \dfrac{x - 2}{x + 2} = \dfrac{3 - 2}{3 + 2} = \dfrac{1}{5}$