

数Ⅲ (数列の極限②)

⑥ 次の極限を求めよ。

$$\textcircled{1} \lim_{n \rightarrow \infty} (-3n + 8)$$

$$\textcircled{2} \lim_{n \rightarrow \infty} (n - 1)$$

$$\textcircled{3} \lim_{n \rightarrow \infty} \left(5 + \frac{2}{n} \right)$$

$$\textcircled{4} \lim_{n \rightarrow \infty} (-3)^n$$

$$\textcircled{5} \lim_{n \rightarrow \infty} \frac{n - 3}{2n + 1}$$

$$\textcircled{6} \lim_{n \rightarrow \infty} (4n - 3n^2)$$