

## 数I (指数法則)

$$\textcircled{ホ} a^m \times a^n = \textcircled{①} \quad , \quad (a^m)^n = \textcircled{②} \quad , \quad (ab)^2 = \textcircled{③}$$

計算しよう。

$$\textcircled{④} a^3 \times a^2 =$$

$$\textcircled{⑤} 5x \times 2x^2 =$$

$$\textcircled{⑥} (3a^4)^2 =$$

$$\textcircled{⑦} (-2ab^2)^3 =$$

$$\textcircled{⑧} 6x^2y \times (-3xy^2)^2 =$$

展開しよう。

$$\textcircled{⑨} (x^2 - 2xy - y^2)(x + 3y)$$

$$\textcircled{⑩} (x^2 + 3 - 2x)(5x - x^2 + 1)$$