

# 式の計算の利用

年 組 名前

/10

■ 次の式の空欄に正しい数字をあてはめて、整数の積を求めなさい。

①  $26 \times 14$

$$26 \times 14 = \left( 20 + \boxed{\phantom{00}} \right) \left( 20 - \boxed{\phantom{00}} \right)$$

$$= \boxed{\phantom{00}} - \boxed{\phantom{00}}$$

$$= \boxed{\phantom{00}}$$

②  $27 \times 33$

$$27 \times 33 = \left( 30 - \boxed{\phantom{00}} \right) \left( 30 + \boxed{\phantom{00}} \right)$$

$$= \boxed{\phantom{00}} - \boxed{\phantom{00}}$$

$$= \boxed{\phantom{00}}$$

③  $58 \times 42$

$$58 \times 42 = \left( 50 + \boxed{\phantom{00}} \right) \left( 50 - \boxed{\phantom{00}} \right)$$

$$= \boxed{\phantom{00}} - \boxed{\phantom{00}}$$

$$= \boxed{\phantom{00}}$$

④  $36 \times 44$

$$36 \times 44 = \left( 40 - \boxed{\phantom{00}} \right) \left( 40 + \boxed{\phantom{00}} \right)$$

$$= \boxed{\phantom{00}} - \boxed{\phantom{00}}$$

$$= \boxed{\phantom{00}}$$

⑤  $28 \times 32$

$$28 \times 32 = \left( 30 - \boxed{\phantom{00}} \right) \left( 30 + \boxed{\phantom{00}} \right)$$

$$= \boxed{\phantom{00}} - \boxed{\phantom{00}}$$

$$= \boxed{\phantom{00}}$$

⑥  $57 \times 43$

$$57 \times 43 = \left( 50 + \boxed{\phantom{00}} \right) \left( 50 - \boxed{\phantom{00}} \right)$$

$$= \boxed{\phantom{00}} - \boxed{\phantom{00}}$$

$$= \boxed{\phantom{00}}$$

⑦  $39 \times 41$

$$39 \times 41 = \left( 40 - \boxed{\phantom{00}} \right) \left( 40 + \boxed{\phantom{00}} \right)$$

$$= \boxed{\phantom{00}} - \boxed{\phantom{00}}$$

$$= \boxed{\phantom{00}}$$

⑧  $25 \times 15$

$$25 \times 15 = \left( 20 + \boxed{\phantom{00}} \right) \left( 20 - \boxed{\phantom{00}} \right)$$

$$= \boxed{\phantom{00}} - \boxed{\phantom{00}}$$

$$= \boxed{\phantom{00}}$$

⑨  $86 \times 74$

$$86 \times 74 = \left( 80 + \boxed{\phantom{00}} \right) \left( 80 - \boxed{\phantom{00}} \right)$$

$$= \boxed{\phantom{00}} - \boxed{\phantom{00}}$$

$$= \boxed{\phantom{00}}$$

⑩  $72 \times 88$

$$72 \times 88 = \left( 80 - \boxed{\phantom{00}} \right) \left( 80 + \boxed{\phantom{00}} \right)$$

$$= \boxed{\phantom{00}} - \boxed{\phantom{00}}$$

$$= \boxed{\phantom{00}}$$

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■ 次の式の空欄に正しい数字をあてはめて、整数の積を求めなさい。

①  $26 \times 14$

$$\begin{aligned} 26 \times 14 &= \left( 20 + \boxed{6} \right) \left( 20 - \boxed{6} \right) \\ &= \boxed{400} - \boxed{36} \\ &= \boxed{364} \end{aligned}$$

②  $27 \times 33$

$$\begin{aligned} 27 \times 33 &= \left( 30 - \boxed{3} \right) \left( 30 + \boxed{3} \right) \\ &= \boxed{900} - \boxed{9} \\ &= \boxed{891} \end{aligned}$$

③  $58 \times 42$

$$\begin{aligned} 58 \times 42 &= \left( 50 + \boxed{8} \right) \left( 50 - \boxed{8} \right) \\ &= \boxed{2500} - \boxed{64} \\ &= \boxed{2436} \end{aligned}$$

④  $36 \times 44$

$$\begin{aligned} 36 \times 44 &= \left( 40 - \boxed{4} \right) \left( 40 + \boxed{4} \right) \\ &= \boxed{1600} - \boxed{16} \\ &= \boxed{1584} \end{aligned}$$

⑤  $28 \times 32$

$$\begin{aligned} 28 \times 32 &= \left( 30 - \boxed{2} \right) \left( 30 + \boxed{2} \right) \\ &= \boxed{900} - \boxed{4} \\ &= \boxed{896} \end{aligned}$$

⑥  $57 \times 43$

$$\begin{aligned} 57 \times 43 &= \left( 50 + \boxed{7} \right) \left( 50 - \boxed{7} \right) \\ &= \boxed{2500} - \boxed{49} \\ &= \boxed{2451} \end{aligned}$$

⑦  $39 \times 41$

$$\begin{aligned} 39 \times 41 &= \left( 40 - \boxed{1} \right) \left( 40 + \boxed{1} \right) \\ &= \boxed{1600} - \boxed{1} \\ &= \boxed{1599} \end{aligned}$$

⑧  $25 \times 15$

$$\begin{aligned} 25 \times 15 &= \left( 20 + \boxed{5} \right) \left( 20 - \boxed{5} \right) \\ &= \boxed{400} - \boxed{25} \\ &= \boxed{375} \end{aligned}$$

⑨  $86 \times 74$

$$\begin{aligned} 86 \times 74 &= \left( 80 + \boxed{6} \right) \left( 80 - \boxed{6} \right) \\ &= \boxed{6400} - \boxed{36} \\ &= \boxed{6364} \end{aligned}$$

⑩  $72 \times 88$

$$\begin{aligned} 72 \times 88 &= \left( 80 - \boxed{8} \right) \left( 80 + \boxed{8} \right) \\ &= \boxed{6400} - \boxed{64} \\ &= \boxed{6336} \end{aligned}$$