

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 25×15

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

$$= \boxed{} - \boxed{}$$

$$= \boxed{}$$

② 22×38

$$22 \times 38 = \left(30 - \boxed{} \right) \left(30 + \boxed{} \right)$$

$$= \boxed{} - \boxed{}$$

$$= \boxed{}$$

③ 53×47

$$53 \times 47 = \left(50 + \boxed{} \right) \left(50 - \boxed{} \right)$$

$$= \boxed{} - \boxed{}$$

$$= \boxed{}$$

④ 49×51

$$49 \times 51 = \left(50 - \boxed{} \right) \left(50 + \boxed{} \right)$$

$$= \boxed{} - \boxed{}$$

$$= \boxed{}$$

⑤ 38×42

$$38 \times 42 = \left(40 - \boxed{} \right) \left(40 + \boxed{} \right)$$

$$= \boxed{} - \boxed{}$$

$$= \boxed{}$$

⑥ 44×36

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

$$= \boxed{} - \boxed{}$$

$$= \boxed{}$$

⑦ 24×36

$$24 \times 36 = \left(30 - \boxed{} \right) \left(30 + \boxed{} \right)$$

$$= \boxed{} - \boxed{}$$

$$= \boxed{}$$

⑧ 27×13

$$27 \times 13 = \left(20 + \boxed{} \right) \left(20 - \boxed{} \right)$$

$$= \boxed{} - \boxed{}$$

$$= \boxed{}$$

⑨ 73×67

$$73 \times 67 = \left(70 + \boxed{} \right) \left(70 - \boxed{} \right)$$

$$= \boxed{} - \boxed{}$$

$$= \boxed{}$$

⑩ 72×88

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

$$= \boxed{} - \boxed{}$$

$$= \boxed{}$$

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① 25×15

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

② 22×38

$$\begin{aligned}
 22 \times 38 &= \left(30 - \boxed{8} \right) \left(30 + \boxed{8} \right) \\
 &= \boxed{900} - \boxed{64} \\
 &= \boxed{836}
 \end{aligned}$$

③ 53×47

$$\begin{aligned}
 53 \times 47 &= \left(50 + \boxed{3} \right) \left(50 - \boxed{3} \right) \\
 &= \boxed{2500} - \boxed{9} \\
 &= \boxed{2491}
 \end{aligned}$$

④ 49×51

$$\begin{aligned}
 49 \times 51 &= \left(50 - \boxed{1} \right) \left(50 + \boxed{1} \right) \\
 &= \boxed{2500} - \boxed{1} \\
 &= \boxed{2499}
 \end{aligned}$$

⑤ 38×42

$$\begin{aligned}
 38 \times 42 &= \left(40 - \boxed{2} \right) \left(40 + \boxed{2} \right) \\
 &= \boxed{1600} - \boxed{4} \\
 &= \boxed{1596}
 \end{aligned}$$

⑥ 44×36

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

⑦ 24×36

$$\begin{aligned}
 24 \times 36 &= \left(30 - \boxed{6} \right) \left(30 + \boxed{6} \right) \\
 &= \boxed{900} - \boxed{36} \\
 &= \boxed{864}
 \end{aligned}$$

⑧ 27×13

$$\begin{aligned}
 27 \times 13 &= \left(20 + \boxed{7} \right) \left(20 - \boxed{7} \right) \\
 &= \boxed{400} - \boxed{49} \\
 &= \boxed{351}
 \end{aligned}$$

⑨ 73×67

$$\begin{aligned}
 73 \times 67 &= \left(70 + \boxed{3} \right) \left(70 - \boxed{3} \right) \\
 &= \boxed{4900} - \boxed{9} \\
 &= \boxed{4891}
 \end{aligned}$$

⑩ 72×88

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