

式の計算の利用

年 組 名前

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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 21×19

$$21 \times 19 = \left(20 + \boxed{} \right) \left(20 - \boxed{} \right)$$

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

$$= \boxed{}$$

② 42×58

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

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

$$= \boxed{}$$

③ 22×18

$$22 \times 18 = \left(20 + \boxed{} \right) \left(20 - \boxed{} \right)$$

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

$$= \boxed{}$$

④ 44×56

$$44 \times 56 = \left(50 - \boxed{} \right) \left(50 + \boxed{} \right)$$

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

$$= \boxed{}$$

⑤ 36×44

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

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

$$= \boxed{}$$

⑥ 33×27

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

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

$$= \boxed{}$$

⑦ 47×33

$$47 \times 33 = \left(40 + \boxed{} \right) \left(40 - \boxed{} \right)$$

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

$$= \boxed{}$$

⑧ 25×35

$$25 \times 35 = \left(30 - \boxed{} \right) \left(30 + \boxed{} \right)$$

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

$$= \boxed{}$$

⑨ 55×65

$$55 \times 65 = \left(60 - \boxed{} \right) \left(60 + \boxed{} \right)$$

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

$$= \boxed{}$$

⑩ 88×72

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

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

$$= \boxed{}$$

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① 21×19

$$\begin{aligned}
 21 \times 19 &= \left(20 + \boxed{1} \right) \left(20 - \boxed{1} \right) \\
 &= \boxed{400} - \boxed{1} \\
 &= \boxed{399}
 \end{aligned}$$

② 42×58

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

③ 22×18

$$\begin{aligned}
 22 \times 18 &= \left(20 + \boxed{2} \right) \left(20 - \boxed{2} \right) \\
 &= \boxed{400} - \boxed{4} \\
 &= \boxed{396}
 \end{aligned}$$

④ 44×56

$$\begin{aligned}
 44 \times 56 &= \left(50 - \boxed{6} \right) \left(50 + \boxed{6} \right) \\
 &= \boxed{2500} - \boxed{36} \\
 &= \boxed{2464}
 \end{aligned}$$

⑤ 36×44

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

⑥ 33×27

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

⑦ 47×33

$$\begin{aligned}
 47 \times 33 &= \left(40 + \boxed{7} \right) \left(40 - \boxed{7} \right) \\
 &= \boxed{1600} - \boxed{49} \\
 &= \boxed{1551}
 \end{aligned}$$

⑧ 25×35

$$\begin{aligned}
 25 \times 35 &= \left(30 - \boxed{5} \right) \left(30 + \boxed{5} \right) \\
 &= \boxed{900} - \boxed{25} \\
 &= \boxed{875}
 \end{aligned}$$

⑨ 55×65

$$\begin{aligned}
 55 \times 65 &= \left(60 - \boxed{5} \right) \left(60 + \boxed{5} \right) \\
 &= \boxed{3600} - \boxed{25} \\
 &= \boxed{3575}
 \end{aligned}$$

⑩ 88×72

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