

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 38×22

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

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

$$= \boxed{}$$

② 39×41

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

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

$$= \boxed{}$$

③ 24×16

$$24 \times 16 = \left(20 + \boxed{} \right) \left(20 - \boxed{} \right)$$

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

$$= \boxed{}$$

④ 37×43

$$37 \times 43 = \left(40 - \boxed{} \right) \left(40 + \boxed{} \right)$$

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

$$= \boxed{}$$

⑤ 44×56

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

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

$$= \boxed{}$$

⑥ 37×23

$$37 \times 23 = \left(30 + \boxed{} \right) \left(30 - \boxed{} \right)$$

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

$$= \boxed{}$$

⑦ 52×48

$$52 \times 48 = \left(50 + \boxed{} \right) \left(50 - \boxed{} \right)$$

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

$$= \boxed{}$$

⑧ 15×25

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

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

$$= \boxed{}$$

⑨ 71×69

$$71 \times 69 = \left(70 + \boxed{} \right) \left(70 - \boxed{} \right)$$

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

$$= \boxed{}$$

⑩ 84×96

$$84 \times 96 = \left(90 - \boxed{} \right) \left(90 + \boxed{} \right)$$

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

$$= \boxed{}$$

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① 38×22

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

② 39×41

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

③ 24×16

$$\begin{aligned} 24 \times 16 &= \left(20 + \boxed{4} \right) \left(20 - \boxed{4} \right) \\ &= \boxed{400} - \boxed{16} \\ &= \boxed{384} \end{aligned}$$

④ 37×43

$$\begin{aligned} 37 \times 43 &= \left(40 - \boxed{3} \right) \left(40 + \boxed{3} \right) \\ &= \boxed{1600} - \boxed{9} \\ &= \boxed{1591} \end{aligned}$$

⑤ 44×56

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

⑥ 37×23

$$\begin{aligned} 37 \times 23 &= \left(30 + \boxed{7} \right) \left(30 - \boxed{7} \right) \\ &= \boxed{900} - \boxed{49} \\ &= \boxed{851} \end{aligned}$$

⑦ 52×48

$$\begin{aligned} 52 \times 48 &= \left(50 + \boxed{2} \right) \left(50 - \boxed{2} \right) \\ &= \boxed{2500} - \boxed{4} \\ &= \boxed{2496} \end{aligned}$$

⑧ 15×25

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

⑨ 71×69

$$\begin{aligned} 71 \times 69 &= \left(70 + \boxed{1} \right) \left(70 - \boxed{1} \right) \\ &= \boxed{4900} - \boxed{1} \\ &= \boxed{4899} \end{aligned}$$

⑩ 84×96

$$\begin{aligned} 84 \times 96 &= \left(90 - \boxed{6} \right) \left(90 + \boxed{6} \right) \\ &= \boxed{8100} - \boxed{36} \\ &= \boxed{8064} \end{aligned}$$