

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 22×18

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

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

$$= \boxed{}$$

② 22×38

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

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

$$= \boxed{}$$

③ 27×13

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

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

$$= \boxed{}$$

④ 46×54

$$46 \times 54 = \left(50 - \boxed{} \right) \left(50 + \boxed{} \right)$$

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

$$= \boxed{}$$

⑤ 39×41

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

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

$$= \boxed{}$$

⑥ 35×25

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

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

$$= \boxed{}$$

⑦ 43×37

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

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

$$= \boxed{}$$

⑧ 44×56

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

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

$$= \boxed{}$$

⑨ 86×94

$$86 \times 94 = \left(90 - \boxed{} \right) \left(90 + \boxed{} \right)$$

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

$$= \boxed{}$$

⑩ 71×69

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

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

$$= \boxed{}$$

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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 22×18

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

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 27×13

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

④ 46×54

$$\begin{aligned} 46 \times 54 &= \left(50 - \boxed{4} \right) \left(50 + \boxed{4} \right) \\ &= \boxed{2500} - \boxed{16} \\ &= \boxed{2484} \end{aligned}$$

⑤ 39×41

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

⑥ 35×25

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

⑦ 43×37

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

⑧ 44×56

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

⑨ 86×94

$$\begin{aligned} 86 \times 94 &= \left(90 - \boxed{4} \right) \left(90 + \boxed{4} \right) \\ &= \boxed{8100} - \boxed{16} \\ &= \boxed{8084} \end{aligned}$$

⑩ 71×69

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