

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 51×49

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

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

$$= \boxed{}$$

② 16×24

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

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

$$= \boxed{}$$

③ 45×55

$$45 \times 55 = \left(50 - \boxed{} \right) \left(50 + \boxed{} \right)$$

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

$$= \boxed{}$$

④ 43×37

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

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

$$= \boxed{}$$

⑤ 33×47

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

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

$$= \boxed{}$$

⑥ 26×14

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

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

$$= \boxed{}$$

⑦ 32×28

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

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

$$= \boxed{}$$

⑧ 22×38

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

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

$$= \boxed{}$$

⑨ 83×77

$$83 \times 77 = \left(80 + \boxed{} \right) \left(80 - \boxed{} \right)$$

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

$$= \boxed{}$$

⑩ 52×68

$$52 \times 68 = \left(60 - \boxed{} \right) \left(60 + \boxed{} \right)$$

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

$$= \boxed{}$$

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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 51×49

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

② 16×24

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

③ 45×55

$$\begin{aligned} 45 \times 55 &= \left(50 - \boxed{5} \right) \left(50 + \boxed{5} \right) \\ &= \boxed{2500} - \boxed{25} \\ &= \boxed{2475} \end{aligned}$$

④ 43×37

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

⑤ 33×47

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

⑥ 26×14

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

⑦ 32×28

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

⑧ 22×38

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

⑨ 83×77

$$\begin{aligned} 83 \times 77 &= \left(80 + \boxed{3} \right) \left(80 - \boxed{3} \right) \\ &= \boxed{6400} - \boxed{9} \\ &= \boxed{6391} \end{aligned}$$

⑩ 52×68

$$\begin{aligned} 52 \times 68 &= \left(60 - \boxed{8} \right) \left(60 + \boxed{8} \right) \\ &= \boxed{3600} - \boxed{64} \\ &= \boxed{3536} \end{aligned}$$