

■ 次の式の空欄に正しい数字をあてはめて、整数の平方を求めなさい。

①  $104^2$

$$104^2 = \left( 100 + \boxed{\phantom{00}} \right)^2 = \boxed{\phantom{0000}} + \boxed{\phantom{0000}} + \boxed{\phantom{0000}} = \boxed{\phantom{000000}}$$

②  $71^2$

$$71^2 = \left( 70 + \boxed{\phantom{00}} \right)^2 = \boxed{\phantom{0000}} + \boxed{\phantom{0000}} + \boxed{\phantom{0000}} = \boxed{\phantom{000000}}$$

③  $82^2$

$$82^2 = \left( 80 + \boxed{\phantom{00}} \right)^2 = \boxed{\phantom{0000}} + \boxed{\phantom{0000}} + \boxed{\phantom{0000}} = \boxed{\phantom{000000}}$$

④  $59^2$

$$59^2 = \left( 60 - \boxed{\phantom{00}} \right)^2 = \boxed{\phantom{0000}} - \boxed{\phantom{0000}} + \boxed{\phantom{0000}} = \boxed{\phantom{000000}}$$

⑤  $93^2$

$$93^2 = \left( 90 + \boxed{\phantom{00}} \right)^2 = \boxed{\phantom{0000}} + \boxed{\phantom{0000}} + \boxed{\phantom{0000}} = \boxed{\phantom{000000}}$$

⑥  $49^2$

$$49^2 = \left( 50 - \boxed{\phantom{00}} \right)^2 = \boxed{\phantom{0000}} - \boxed{\phantom{0000}} + \boxed{\phantom{0000}} = \boxed{\phantom{000000}}$$

⑦  $36^2$

$$36^2 = \left( 40 - \boxed{\phantom{00}} \right)^2 = \boxed{\phantom{0000}} - \boxed{\phantom{0000}} + \boxed{\phantom{0000}} = \boxed{\phantom{000000}}$$

⑧  $17^2$

$$17^2 = \left( 20 - \boxed{\phantom{00}} \right)^2 = \boxed{\phantom{0000}} - \boxed{\phantom{0000}} + \boxed{\phantom{0000}} = \boxed{\phantom{000000}}$$

⑨  $28^2$

$$28^2 = \left( 30 - \boxed{\phantom{00}} \right)^2 = \boxed{\phantom{0000}} - \boxed{\phantom{0000}} + \boxed{\phantom{0000}} = \boxed{\phantom{000000}}$$

■ 次の式の空欄に正しい数字をあてはめて、整数の平方を求めなさい。

①  $104^2$

$$104^2 = \left( 100 + \boxed{4} \right)^2 = \boxed{10000} + \boxed{800} + \boxed{16} = \boxed{10816}$$

②  $71^2$

$$71^2 = \left( 70 + \boxed{1} \right)^2 = \boxed{4900} + \boxed{140} + \boxed{1} = \boxed{5041}$$

③  $82^2$

$$82^2 = \left( 80 + \boxed{2} \right)^2 = \boxed{6400} + \boxed{320} + \boxed{4} = \boxed{6724}$$

④  $59^2$

$$59^2 = \left( 60 - \boxed{1} \right)^2 = \boxed{3600} - \boxed{120} + \boxed{1} = \boxed{3481}$$

⑤  $93^2$

$$93^2 = \left( 90 + \boxed{3} \right)^2 = \boxed{8100} + \boxed{540} + \boxed{9} = \boxed{8649}$$

⑥  $49^2$

$$49^2 = \left( 50 - \boxed{1} \right)^2 = \boxed{2500} - \boxed{100} + \boxed{1} = \boxed{2401}$$

⑦  $36^2$

$$36^2 = \left( 40 - \boxed{4} \right)^2 = \boxed{1600} - \boxed{320} + \boxed{16} = \boxed{1296}$$

⑧  $17^2$

$$17^2 = \left( 20 - \boxed{3} \right)^2 = \boxed{400} - \boxed{120} + \boxed{9} = \boxed{289}$$

⑨  $28^2$

$$28^2 = \left( 30 - \boxed{2} \right)^2 = \boxed{900} - \boxed{120} + \boxed{4} = \boxed{784}$$