

■ 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  $19^2$

$$19^2 = \left( 20 - \boxed{\phantom{00}} \right)^2 = \boxed{\phantom{00}} - \boxed{\phantom{00}} + \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

②  $38^2$

$$38^2 = \left( 40 - \boxed{\phantom{00}} \right)^2 = \boxed{\phantom{00}} - \boxed{\phantom{00}} + \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

③  $66^2$

$$66^2 = \left( 70 - \boxed{\phantom{00}} \right)^2 = \boxed{\phantom{00}} - \boxed{\phantom{00}} + \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

④  $88^2$

$$88^2 = \left( 90 - \boxed{\phantom{00}} \right)^2 = \boxed{\phantom{00}} - \boxed{\phantom{00}} + \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

⑤  $81^2$

$$81^2 = \left( 80 + \boxed{\phantom{00}} \right)^2 = \boxed{\phantom{00}} + \boxed{\phantom{00}} + \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

⑥  $104^2$

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

⑦  $33^2$

$$33^2 = \left( 30 + \boxed{\phantom{00}} \right)^2 = \boxed{\phantom{00}} + \boxed{\phantom{00}} + \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

⑧  $57^2$

$$57^2 = \left( 60 - \boxed{\phantom{00}} \right)^2 = \boxed{\phantom{00}} - \boxed{\phantom{00}} + \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

⑨  $52^2$

$$52^2 = \left( 50 + \boxed{\phantom{00}} \right)^2 = \boxed{\phantom{00}} + \boxed{\phantom{00}} + \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

■ 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  $19^2$

$$19^2 = \left( 20 - \boxed{1} \right)^2 = \boxed{400} - \boxed{40} + \boxed{1} = \boxed{361}$$

②  $38^2$

$$38^2 = \left( 40 - \boxed{2} \right)^2 = \boxed{1600} - \boxed{160} + \boxed{4} = \boxed{1444}$$

③  $66^2$

$$66^2 = \left( 70 - \boxed{4} \right)^2 = \boxed{4900} - \boxed{560} + \boxed{16} = \boxed{4356}$$

④  $88^2$

$$88^2 = \left( 90 - \boxed{2} \right)^2 = \boxed{8100} - \boxed{360} + \boxed{4} = \boxed{7744}$$

⑤  $81^2$

$$81^2 = \left( 80 + \boxed{1} \right)^2 = \boxed{6400} + \boxed{160} + \boxed{1} = \boxed{6561}$$

⑥  $104^2$

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

⑦  $33^2$

$$33^2 = \left( 30 + \boxed{3} \right)^2 = \boxed{900} + \boxed{180} + \boxed{9} = \boxed{1089}$$

⑧  $57^2$

$$57^2 = \left( 60 - \boxed{3} \right)^2 = \boxed{3600} - \boxed{360} + \boxed{9} = \boxed{3249}$$

⑨  $52^2$

$$52^2 = \left( 50 + \boxed{2} \right)^2 = \boxed{2500} + \boxed{200} + \boxed{4} = \boxed{2704}$$