Square & Square root.

* $(116)^2 \Rightarrow 13256$ (+16, 13456)

* $(79)^2 \Rightarrow 5844$ (-21, 6241) — 6241

Square Root (वर्गमूल)

$1^2 = 1$
$2^2 = 4$
$3^2 = 9$
$4^2 = 16$
$5^2 = 25$
$6^2 = 36$
$7^2 = 49$
$8^2 = 64$
$9^2 = 81$
$0^2 = 0$

Unit digit

$1+9 = 10$
$2+8 = 10$
$3+7 = 10$
$4+6 = 10$
$5^2 = 5$

* $\sqrt{324}$ (बड़ा) → 2, 8; 1^2, $2^2 \Rightarrow$ (2)

हमेशा छोटी संख्या = 18

* $\sqrt{676}$ (बराबर या बड़ा) → 4, 6; $2^2 \times 3^2 \Rightarrow 6$

26 Ans

* $\sqrt{289}$ (बराबर या बड़ा) → 3, 7; $1^2 \times 2^2 \Rightarrow 2$

17 Ans

(1) $\sqrt{7744} = 2, 8$?

$8^2 \times 9^2 = 72$

88 Ans

(2) $\sqrt{3364} = 2, 8$?

$5^2 \times 6^2$

हमेशा 58 Ans

(3) $\sqrt{66049} = 3, 7$?

$25^2 \times 26^2 = 650$

257 Ans

(4) $\sqrt{64009} = 3, 7$? (छोटा)

$25^2 \times 26^2 = 650$

253 Ans

(5) $\sqrt{35721} = 1, 9$?

$18^2 \times 19^2 = 342$

189 Ans

(6) $\sqrt{31684} \Rightarrow ?$ (2, 8)

$17^2 \times 18^2 = 306$

178 Ans

* $\sqrt{53824} < {}^{2}_{8}$

$23^2 \times 24^2 = 552$

232 Ans

Important :-

Duplex No. :-

$4^2 = 16$

$5^2 = 25$

$8^2 = 64$

$34^2 = 2(3 \times 4) = 24$

$68^2 = 2(6 \times 8) = 96$

$97^2 = 2(9 \times 7) = 126$

* $(23)^2 = 529$

* $(79)^2 = 6241$

* $(58)^2 \Rightarrow 3364$ $\quad 8^2 = 64$, $58^2 = 2(5 \times 8)$

* $(62)^2 \Rightarrow 3844$

* $(98)^2 \Rightarrow 9604$

* $(89)^2 \Rightarrow 7921$

* $(78)^2 \Rightarrow 6084$ $\quad \frac{56^{4}84}{6084}$

$(\widehat{123})^2 \Rightarrow 2(1 \times 3) + 2^2 = 10$

$(\widehat{315})^2 = 2(3 \times 5) + 1^2 = 31$

$(\widehat{469})^2 = 2(4 \times 9) + 6^2 = 108$

$(\widehat{112})^2 \Rightarrow 12544$

2 का Duplex

12 का Duplex

112 का Duplex

11 का Duplex

1 का Duplex

$(\underline{432})^2 \Rightarrow 186624$

$(649)^2 \Rightarrow$

