SQUARES AND SQUARE ROOTS

SQUARE

EXERCISE

Q.1 Find the perfect square numbers between

(i) 30 and 40 (ii) 50 and 60

Q.2 Check whether the following numbers can be perfect squares ? Give reason.

(i) 1057 (ii) 23453

(iii) 7928 (iv) 222222

(v) 1089 (vi) 2061

Q.3 Write five numbers which you cannot decide just by looking at their unit's digit (or one's place) whether they are square numbers or not.

Q.4 Which of 123^2, 77^2, 82^2, 161^2, 109^2 would end with digit 1 ?

Q.5 Which of the following numbers would have digit 6 at unit place.

(i) 19^2 (ii) 24^2 (iii) 26^2

(iv) 36^2 (v) 34^2

Q.6 What will be the ‘‘one’s digit’’ in the square of the following numbers ?

(i) 1234 (ii) 26387

(iii) 52698 (iv) 99880

(v) 21222 (vi) 9106

Q.7 Write the square, by any pattern.

(i) 75 (ii) 95

ANSWER KEY

1. (i) 36,

(ii) There is not any perfect square number between 50 & 60.

2. (i) No

(ii) No

(iii) No

(iv) No

(v) Yes it has 9 at unit place

(vi) Yes it has 1 at unit place

3. 169, 38126, 591, 100, 343795

$\because$ 2, 3, 7, 8 are not an ones place ;

$\therefore$ numbers can be perfect square or not

4. 161^2 and 109^2

5. 24^2, 26^2, 36^2, 34^2

6. (i) 6, (ii) 9 (iii) 4

(iv) 0 (v) 4 (vi) 6

7. (i) 5625

(ii) 9025