

8TH CBSE MATHS SQUARE AND SQUARE ROOTS**WORKSHEET 8 JULY**

1) Which of the following is a perfect square?

- (a) 122 (b) 289 (c) 258 (d) 260

2) 169 is the square of

- (a) 11 (b) 12 (c) 13 (d) 14

3) Which of the following is a square of even number?

- (a) 441 (b) 169 (c) 289 (d) 144

4) A number ending in 9 will have the unit's place of its square as

- (a) 1 (b) 3 (c) 9 (d) 6

5) A square board has an area of 121 square units. How long is each side of the board?

- (a) 11 units (b) 12 units (c) 13 units (d) 14 units

6) Which letter best represents the location of $\sqrt{25}$ on a number line?



- (a) A (b) B (c) C (d) D

45) How many nonsquare numbers lie between the pair of numbers 500^2 and 501^2 ?

- (a) 1000 (b) 999 (c) 1001 (d) 1002

46) Express the square number 5^2 as the sum of two consecutive integers.

- (a) $12 + 13$ (b) $10 + 15$ (c) $9 + 16$ (d) $20 + 5$

47) Express 9^2 as the sum of two consecutive integers.

- (a) $40 + 41$ (b) $50 + 31$ (c) $36 + 45$ (d) $72 + 9$

48) Express 7^2 as the sum of two consecutive integers

- (a) $40 + 9$ (b) $24 + 25$ (c) $36 + 13$ (d) $32 + 17$

49) The unit digit in the square of the number 132 is

- (a) 1 (b) 2 (c) 3 (d) 4

50) The unit digit in the square of the number 1000 is

- (a) 1 (b) 0 (c) 2 (d) none of these

407) For each of the following numbers, find the smallest whole number by which it should be multiplied so as to get a perfect square number. Also, find the square root of the square number so obtained. 768

408) For each of the following numbers, find the smallest whole number by which it should be divided so as to get a perfect square. Also, find the square root of the square number so obtained. 252

409) For each of the following numbers, find the smallest whole number by which it should be divided so as to get a perfect square. Also, find the square root of the square number so obtained. 2925

410) For each of the following numbers, find the smallest whole number by which it should be divided so as to get a perfect square. Also, find the square root of the square number so obtained. 396

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