

Squares and Square Roots

1



Find the square number between 300 and 330.

Answer _____

2



A rectangle is 3.6 cm long and 0.4 cm wide. A square has the same area as the rectangle. Find the length of a side of the square.

Answer _____

3



The difference between two neighbouring square numbers is 31. Find the two square numbers.

Answer _____

4



$1.4^2 = 1.96$
Use this to work out $\sqrt{19\ 600}$

Answer _____

5



$4\Box 61$ is a square number. Find the missing digit.

Answer _____

6



A square has an area in cm^2 that is the same number as its perimeter in cm. Find the length of a side of the square.

Answer _____

7



Square A has an area of 0.81 cm^2 . Square B has sides 4 times as long as the sides of square A. Find the area of square B.

Answer _____

8



The sides of a square are made 0.5 cm longer. Its area goes up by 6.25 cm^2 . Find the length of a side of the square at the start.

Answer _____