



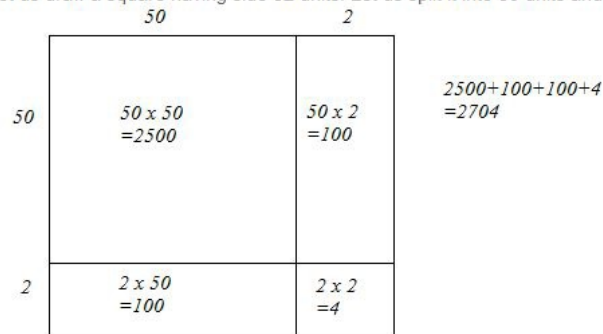
Squares and Square Roots Ex 3.3 Q7

Answer :

(i) We have:

$$52 = 50 + 2$$

Let us draw a square having side 52 units. Let us split it into 50 units and 2 units.

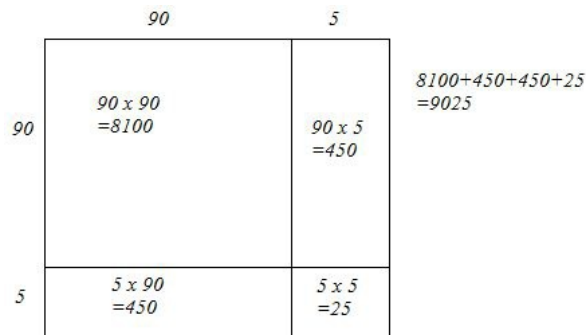


The sum of the areas of these four parts is the square of 52. Thus, the square of 52 is 2704.

(ii) We have:

$$95 = 90 + 5$$

Let us draw a square having side 95 units. Let us split it into 90 units and 5 units.

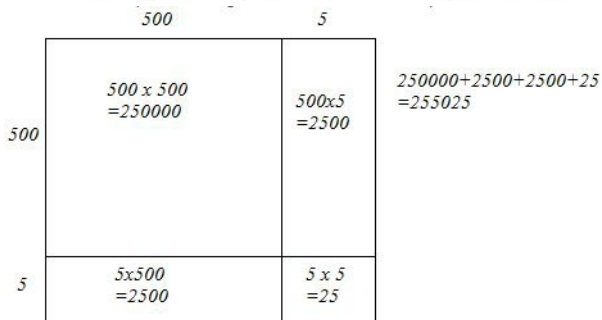


The sum of the areas of these four parts is the square of 95. Thus, the square of 95 is 9025.

(iii) We have:

$$505 = 500 + 5$$

Let us draw a square having side 505 units. Let us split it into 500 units and 5 units.

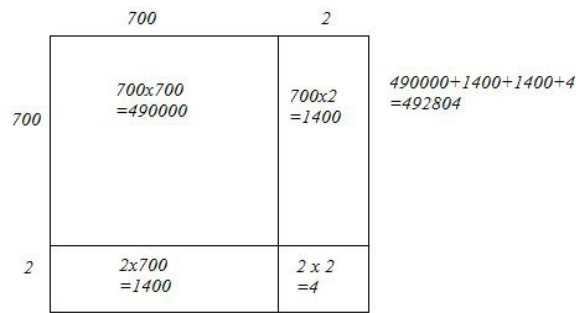


The sum of the areas of these four parts is the square of 505. Thus, the square of 505 is 255025.

(iv) We have:

$$702 = 700 + 2$$

Let us draw a square having side 702 units. Let us split it into 700 units and 2 units.

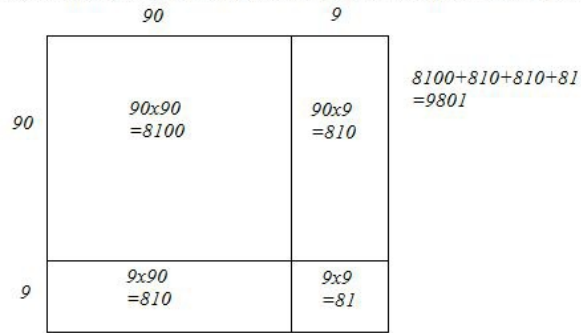


The sum of the areas of these four parts is the square of 702. Thus, the square of 702 is 492804.

(v) We have:

$$99 = 90 + 9$$

Let us draw a square having side 99 units. Let us split it into 90 units and 9 units.



The sum of the areas of these four parts is the square of 99. Thus, the square of 99 is 9801.

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