

Workcard

Strand: Number

Substrand: Understand Operations

Matchsticks have been used to create squares.



Continue the pattern by drawing two more shapes.

The number of matches for each follow the pattern shown below:

4 , 7 , 10 , _ , _ , _

Complete the next 3 numbers in the sequence.

To complete the pattern, we add 3 each time.

Complete the following:

PATTERN

4 , 7 , 10 , _ , _ , _

3 , 8 , 13 , _ , _ , _

49 , 43 , 37 , _ , _ , _

81 , 70 , 59 , _ , _ , _

240 , 120 , 60 , _ , _ , _

2 , 4 , 8 , _ , _ , _

24 , 19 , 14 , _ , _ , _

243 , 81 , 27 , _ , _ , _

64 , 56 , 48 , _ , _ , _

2 , 11 , 20 , _ , _ , _

6 , 12 , 24 , _ , _ , _

100 000 , 10 000 , 1000 , _ , _ , _

1 , 4 , 9 , 16 , _ , _ , _

1 , 1 , 2 , 3 , 5 , _ , _ , _

86 , 83 , 80 , _ , _ , _

11 , 21 , 31 , _ , _ , _

2500 , 500 , 100 , _ , _ , _

TO CONTINUE THE PATTERN

ADD 3

Draw 5 of your own patterns using matchsticks. Along with each pattern write down the pattern and how it would continue.