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Based on  
NEP 2020 Guidelines



*School Book*

# MATHEMATICS

## MADE EASY

4



**BASIC GEOMETRICAL CONCEPTS**

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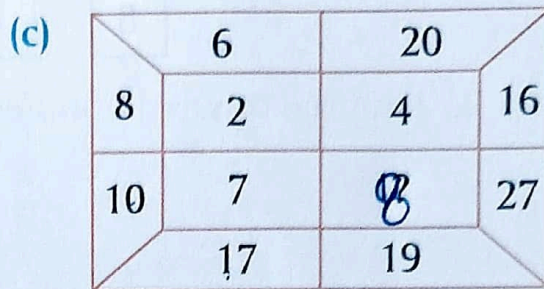
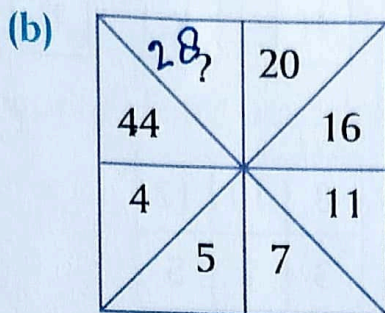
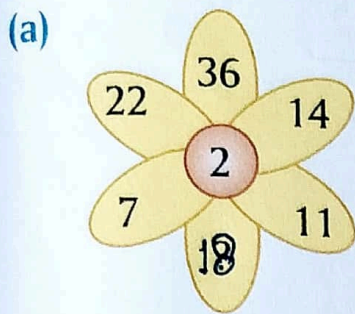




# Exercise-2

(According to NEP Guidelines)  
(Understanding, Computing, Analysing)

1. Fill in the missing numbers.



2. Observe the following pattern and write the next two steps.

$$\begin{array}{l} 13 \times 2 + 3 = 29 \\ 13 \times 3 + 3 = 42 \\ 13 \times 4 + 3 = 55 \end{array} \quad \left| \quad \begin{array}{l} 13 \times 5 + 3 = 68 \\ 13 \times 6 + 3 = 81 \end{array}$$

3. Observe the following pattern and complete it.

$1$	$= 1$	$= 1 \times 1$
$1 + 3$	$= 4$	$= 2 \times 2$
$1 + 3 + 5$	$= 9$	$= 3 \times 3$
$1 + 3 + 5 + 7$	$= 16$	$= 4 \times 4$
$1 + 3 + 5 + 7 + 9$	$= 25$	$= 5 \times 5$
$1 + 3 + 5 + 7 + 9 + 11$	$= 36$	$= 6 \times 6$

4. Observe the following patterns and write the missing numbers :

(a) 8, 13, 18, 23, 28, 33, 38, 43.

(b) 100, 97, 94, 91, 88, 85, 82, 79.

(c) 10, 16, 22, 28, 34, 40, 46, 52, 58.

(d) 1, 4, 9, 16, 25, 36, 49, 64, 81.



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# Review Exercise

(According to NEP Guidelines)  
(Remembering, Understanding, Applying, Computing, Analysing)

## 1. Choose the correct options.

(a) 1, 3, 6, 10, 15, ?

- (i) 22  (ii) 21  (iii) 23  (iv) 24

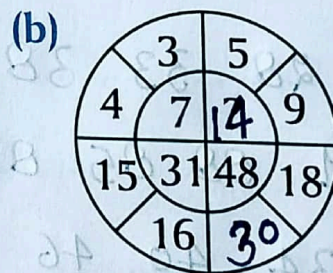
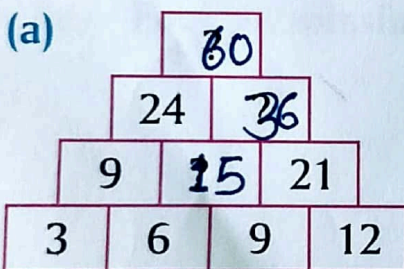
(b) 256, 128, 64, ?

- (i) 32  (ii) 16  (iii) 8  (iv) 34

(c) 1, 4, 9, 16, 25, ?

- (i) 30  (ii) 49  (iii) 26  (iv) 36

## 2. Study the pattern and fill in the missing terms.



## 3. Observe the pattern and fill the missing terms.

(a) 2, 5, 11, 23, 47, 95, 181.

(b) 7, 11, 19, 35, 67, 131, 259.