



ALTIUS

Logical Reasoning and Quantitative Aptitude

WORKSHEET 1

Question 1	<p>Neha created a number pattern. She started with 4 and then added 3 each time. What will be the fifth number in the pattern?</p> <ul style="list-style-type: none">• 7• 13• 16• 19
Question 2	<p>Rahul thought of a number. When he doubles the number and adds 7 to it, he gets 21. What is the number?</p> <ul style="list-style-type: none">• 7• 14• 5• 17

Question 3

There are 60 students in Class III. The table shows the number of boys and girls in each sports group. Each student can only be in one group.

Sport group	Girls	Boys
Red	3	9
Blue	8	7
Green	11	?

How many boys are in the Green group?

- 12
- 22
- 14
- 24

Question 4

Hina is adding two numbers. Some of the digits are hidden by symbols.

$$\begin{array}{r} \star ? \\ + 4 \star \\ \hline 103 \end{array}$$

The two digits hidden by stars are the same. Which digit is hidden by the red question mark?

- 6
- 9
- 8
- 7

Question 5

Sam was solving a puzzle by reading the numbers written on the signboard. On the first signboard, 1000 was written. When he went ahead, he read 950 written on the second signboard, followed by 900, 850 and 800 on the next signboards respectively. What will be the numbers on the next three signboards?

- 800, 700, 600
- 750, 700, 650
- 850, 800, 750
- 950, 900, 850



Question 6

In an annual function of a school, there are 30 people. For every two children, there is one adult. How many adults are there in the function?

- 5
- 10
- 15
- 20

Question 7

A woman has seven daughters, and each daughter has a brother. How many children does the woman have in all?

- 14
- 8
- 15
- 7

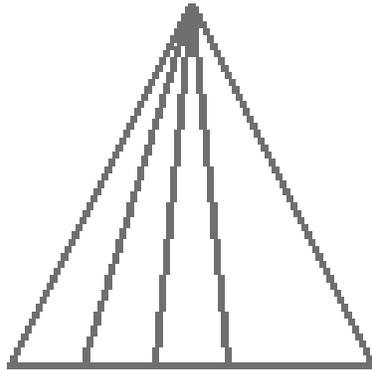
Question 8

In 567, if the digits in the hundreds and ones places are interchanged, what will be the difference between the new number and the given number?

- 189
- 198
- 180
- 190

Question 9

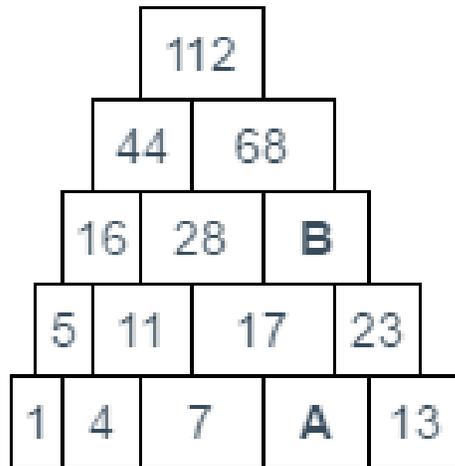
How many triangles are there in the figure?



- 1
- 4
- 5
- 10

Question 10

What are the values of the missing numbers 'A' and 'B'?



- 13, 40
- 13, 43
- 10, 40
- 10, 43

- X -

Answers

Theme	Logical Reasoning and Quantitative Aptitude
Answer 1	16
Answer 2	7
Answer 3	22
Answer 4	8
Answer 5	750, 700, 650
Answer 6	10
Answer 7	8
Answer 8	198
Answer 9	10
Answer 10	10, 40

- X -