

ALTIUS

Logical Reasoning and Quantitative Aptitude

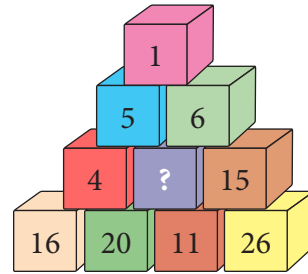
WORKSHEET 3

Theme	Logical Reasoning and Quantitative Aptitude
Question 1	<p>A shop has 800 dresses to sell. On the first day, the shopkeeper sold 120 dresses. Each day after that he sold half as many dresses as he sold the day before. How many dresses are left at the end of the third day?</p> <ul style="list-style-type: none">• 440• 590• 620• 680
Question 2	<p>Jack looked at the clock and said, "In 2 hours' time, it will be twice as long until noon as it will be in 3 hours' time". What is the time on the clock?</p> <ul style="list-style-type: none">• 6:00 a.m.• 7:00 a.m.• 8:00 a.m.• 9:00 a.m.

Question 3

What is the missing number in the number tower shown alongside?

- 1
- 9
- 11
- 19



Question 4

Rahul was travelling in his car. When he reached four-fifths of his destination, his car broke down. He had covered 8 km. How much more does he have to travel to reach his destination?

- 2 km
- 4 km
- 8 km
- 10 km

Question 5

In the given table, Anish used some symbols. The symbols are added together to give values. Identify the code and find the missing value.

- 38
- 41
- 42
- 48

Anish's symbols	Values
■ ■	2
■	6
▲ ●	30
■ ▲ ▲ ▲ ●	?

Question 6	<p>Rohan used the digits '2' and '5' to make different 3-digit numbers. What is the sum of all the possible three-digit numbers formed by Rohan?</p> <ul style="list-style-type: none"> • 1554 • 1779 • 2331 • 3108
Question 7	<p>Mr Money Banks had five million rupees. He gave away ₹ 500 every minute. How long did it take him to give away all the money?</p> <ul style="list-style-type: none"> • 8400 minutes • 96000 minutes • 10000 minutes • 12000 minutes
Question 8	<p>In a two-digit number, the product of the digits of the number is equal to double the sum of the digits of the number. Which of the following can be that number?</p> <ul style="list-style-type: none"> • 11 • 22 • 24 • 36

Question 9

Bella cuts a cake into two equal halves and then cuts one half into smaller pieces of equal size. Each of the small pieces is 10 g in weight. If Bella has seven pieces of the cake in all with her, how heavy was the original cake?

- 170 g
- 120 g
- 100 g
- 90 g

Question 10

36 students were asked to choose between either ball games or computer games. The results are summarised in the table alongside. How many girls preferred ball games?

- 8
- 10
- 11
- 13

		Preferred game		
		computer	ball	
Boys	9			
Girls		?		21
			19	

- X -

Answers

Answer 1	590
Answer 2	8:00 a.m.
Answer 3	9
Answer 4	2 km
Answer 5	41
Answer 6	3108
Answer 7	10000 minutes
Answer 8	36
Answer 9	120 g
Answer 10	13