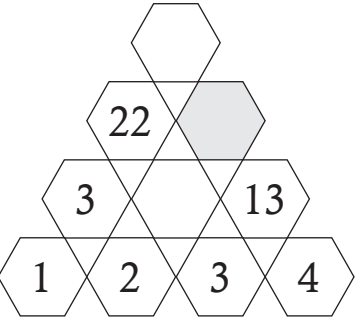


ALTIUS

Logical Reasoning and Quantitative Aptitude

WORKSHEET 1

Theme	Logical Reasoning and Quantitative Aptitude
Question 1	<p>Pointing towards a girl, John told his friend, "Her mother is the only daughter of my mother-in-law." What is the relation of the girl to John?</p> <ul style="list-style-type: none">• Wife• Sister• Sister-in-law• Daughter
Question 2	<p>Three times a number is of six more than the number. What is the number?</p> <ul style="list-style-type: none">• 1• 3• 6• 9
Question 3	<p>Sohail's monthly income is Rs 42000. His expenditure and saving are in the ratio 5:2. What is the difference of his expenditure and saving?</p> <ul style="list-style-type: none">• Rs 6000• Rs 12000• Rs 18000• Rs 30000

Question 4	<p>125% of a number is 150. What is the number?</p> <ul style="list-style-type: none"> • 100 • 120 • 125 • 130
Question 5	<p>The following number pattern is made using only multiplication and division. What must be the number in the shaded hexagon?</p>  <ul style="list-style-type: none"> • 92 • 91 • 79 • 32
Question 6	<p>Raman has a cake of 1 kg. He cut a piece of weight one-fifth of the cake. From the remaining cake, he cut 5 equal pieces. What is the weight of each piece?</p> <ul style="list-style-type: none"> • 100 g • 120 g • 160 g • 200 g

Question 7	<p>A man purchased a mobile phone and sold it at a loss of 60%. If he sold the phone for Rs 6000, at what price did he purchase the mobile phone?</p> <ul style="list-style-type: none">• Rs 8000• Rs 10000• Rs 12000• Rs 15000
Question 8	<p>How much time will a car take to cover a distance of 2 km if it travels at a speed of 20 m/s?</p> <ul style="list-style-type: none">• 10 seconds• 100 seconds• 150 seconds• 10 minute
Question 9	<p>The height of a pole is two-third of a building. If the height of the pole is 30m. What is the height of the building?</p> <ul style="list-style-type: none">• 10 m• 20 m• 30 m• 45 m

Question 10 | Six men can complete a work in 12 days. How much time will 2 men take to finish one third of the same work the same work?

- 4 days
- 6 days
- 12 days
- 36 days

- x -

Answers

Answer 1	Daughter
Answer 2	3
Answer 3	Rs 18000
Answer 4	120
Answer 5	92
Answer 6	160 g
Answer 7	Rs 15000
Answer 8	100 seconds
Answer 9	45 m
Answer 10	12 days