



ALTIUS

Logical Reasoning and Quantitative Aptitude

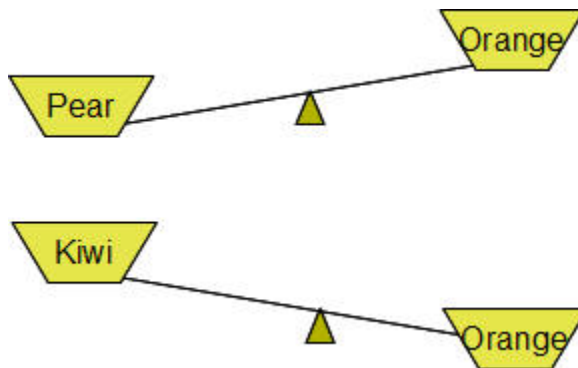
WORKSHEET 3

<p>Question 1</p>	<p>There are 21 girls including Rina in a queue. The number of children behind Rina is four times the number of children ahead her. What is Rina's position in the queue?</p> <ul style="list-style-type: none">• 3rd• 5th• 6th• 4th
<p>Question 2</p>	<p>There are 3 red socks and 3 black socks in a drawer. If David picks socks without looking, how many socks does he need to pick in order to be sure of getting one pair of same coloured socks?</p> <ul style="list-style-type: none">• 1• 2• 5• 3

Question 3 Room 1 and Room 2 have 62 students in total. 5 students are transferred from Room 1 to Room 2. Now the two rooms have the same number of students. How many students were there in each room before the transfer?

- 36 and 26
- 26 and 36
- 31 and 36
- 26 and 31

Question 4 The illustrations below indicate fruits on balances. Which fruit is the heaviest? Which fruit is the lightest?

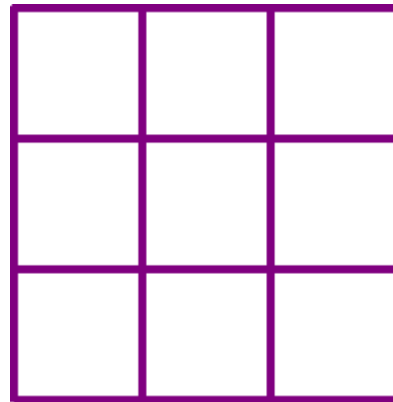


- Orange is the heaviest; kiwi is the lightest
- Pear is the heaviest; orange is the lightest
- Pear is the heaviest; kiwi is the lightest
- Kiwi is the heaviest; orange is the lightest

Question 5

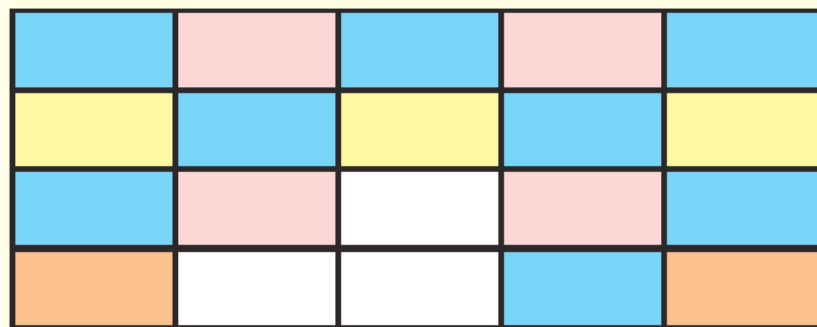
How many squares are there in the figure?

- 9
- 13
- 10
- 14



Question 6

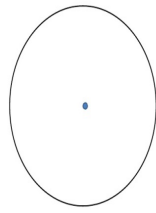
In the diagram, choose the missing part from the options.



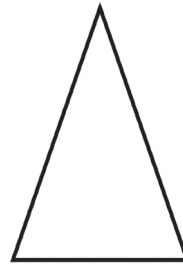
a.		b.	
c.		d.	

Question 7

Here are two views of the same solid.



Top view



Side view

What is the name of this solid?

- Cylinder
- Cone
- Sphere
- Cuboid

Question 8

Jaya asked her friends, 'How much pocket money do you get every week?' After they had all answered, Kumar said, 'I get less than Abhay but ₹ 30 more than Meeta.' Barun said, 'I get ₹ 10 less than Kumar.'

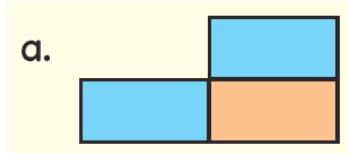
Who gets the most pocket money?

- Abhay
- Barun
- Kumar
- Meeta

Question 9	<p>Male bees can live for about 45 days while female bees can survive for about 2 months. For about how much longer can female bees survive than male bees?</p> <ul style="list-style-type: none">• 7 days• 3 weeks• 1 month• 15 days
Question 10	<p>Carl told only Joe his secret. Joe told his friends, Patrick, Brian and Tony. Patrick, Brian and Tony each told two different people. How many people, apart from Carl, know Carl's secret?</p> <ul style="list-style-type: none">• 7• 8• 9• 10

- X -

Answers

Theme	Logical Reasoning and Quantitative Aptitude
Question 1	5th
Question 2	3
Question 3	36 and 26
Question 4	Pear is the heaviest; kiwi is the lightest
Question 5	14
Question 6	Answer:  a.
Question 7	Cone
Question 8	Abhay
Question 9	15 days
Question 10	10

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