

01

Anisha and Bharath have the same number of sweets. If Anisha eats 12 sweets every day and Bharath eats 3, Bharath will have 45 left when Anisha has finished all his sweets. How many sweets does Bharath have at first ?



Your solution here:

02

Rakesh has between 20 and 40 oranges. He can pack the oranges equally into bags of 4 or 6. If he packs the oranges into bags of 9, he will have 6 oranges left over.

- How many oranges does Rakesh have ?
- What is the least number of oranges he must buy in order for him to pack the oranges into bags of 4, 6 and 9 without any left over ?



Your solution here:

03




Ashwini is thinking of a 5-digit number. The digit in its tens place is 1 more than the digit in the thousands place. The digit in the hundreds place is half the digit in the thousands place. The digit in the ones place is the smallest digit whereas the digit in the ten thousands place is the greatest digit. If the digit in the tens place is 9, what is the 5-digit number Ashwini is thinking of ?



Your solution here:

04

The table below shows the population in four different towns. Parts of the numbers are covered by an ink spill. The population in each town is a 4-digit number. The sum of the population in Town A and Town B takes the greatest possible value. The population in Town D is 913 more than the population in Town C. What is the total population of the four towns? Round off your answer to the nearest thousand.

Town	Population
A	1 
B	3 
C	
D	3780



Your solution here:

05

There were three times as many boys as girls in a school basketball team. During a selection drive, 6 boys and 6 girls joined the team. As a result, the number of boys became twice the number of girls.

- (a) How many boys were there at first ?
- (b) What was the total number of children in the basketball team after the selection drive ?












Your solution here:

06

Mr Phani created a puzzle for his pupils to solve as shown below. The different shapes represent a different value. The numbers outside the box represent the total value for each row and column.

- What is the missing value ?
- Find the value of each shape.

			50
			?
			110
80	70	110	

Your solution here: