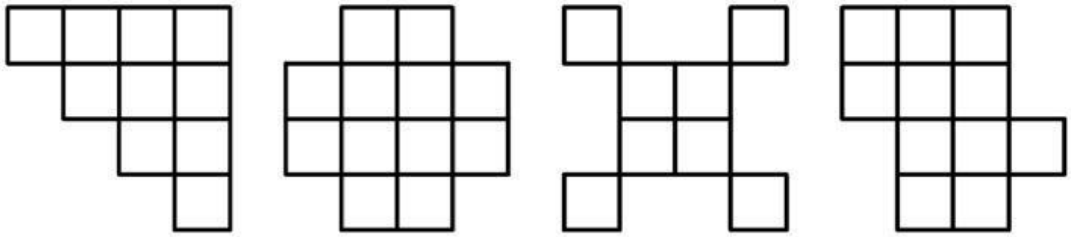
PRACTICE – CONSOLIDATE

Ques 1) A group of friends arrive at SASMO Cinema at 9:30. They watch any movie together. What is the earliest time they could finish watching both movies?

SASMO Cinema		
Title	**Duration**	**Show Times**
Four Princesses	115 minutes	10:00, 12:15, 13:55, 17:05, 19:35
Dragon Fighter	105 minutes	9:00, 10:55, 14:10, 16:50, 19:35

Ques 2) All the figures below are made up of identical squares. The area of the figure with the largest area is 48 sq cm . What is the perimeter of the figure with the largest perimeter?



Ques 3) How many two-digit numbers can be divided by both 4 and 9 at the same time?

Ques 4) Andrew, Kim and Shaun have 256 stamps. Shaun has twice as many stamps as Kim. Andrew has 24 less stamps than Shaun. How many stamps does Andrew have ?

Ques 5) A book has 130 pages numbered from 1 to 130. How many digit "1" are there in all the page numbers of the book.

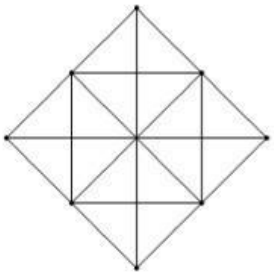
LIVEWORKSHEETS

Ques 6) The sum of 5 consecutive numbers is 500. Among all five numbers, what is the smallest value?

Ques 7) Find the next number in the following sequence :

21 , 24 , 19 , 26 , 17, ? ……

Ques 8) How many squares are in the diagram below :

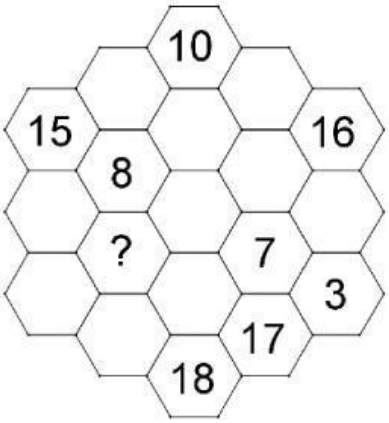


Ques 9) If the four-digit number 28X8 is divisible by 3, how many possible values are there for X?

Ques 10) How many multiples of 7 are between 20 and 100?

Ques 11) In the figure on the right, numbers from 1 to 19 are to be filled in each hexagon. The sum of the numbers in each diagonal and column is 38. What is the value of 'X'?

LIVEWORKSHEETS



Ques 12) Cindy left her home to buy some groceries at 10.15 am. She took her lunch before going back home. She reached home at 3.30 pm. How many minutes was she out of her house?

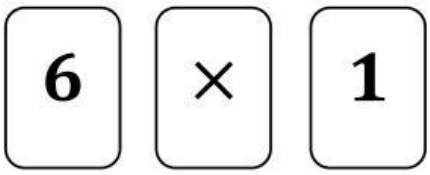
Ques 13) What is the answer to the following?

$2 - 3 + 4 - 5 + 6 - 7 + 8 - 9 + 10 - \cdots + 2014 - 2015 + 2016 = ?$

Ques 14) . In a magic show, the magician placed 3 cards on the table, as shown below. Each card has a **math symbol** on one side and a **number** on other side.



After showing the cards, he flipped over some (maybe all) of the cards and rearranged them. The new arrangement of the cards is shown below.

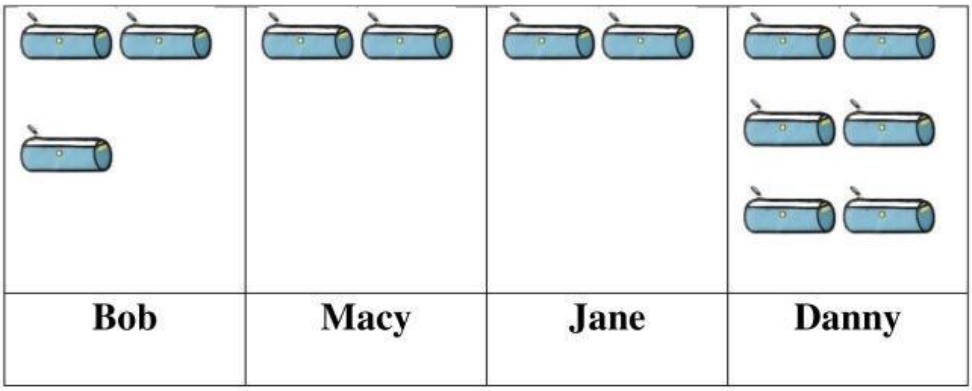


LIVEWORKSHEETS

What number is on other side of the card with the symbol '×'?

Ques 15) There are 18 books on the first shelf. There are 24 books on the second shelf. How many books must be moved from the first shelf to the second shelf such that the second shelf has twice as many books as the first shelf?

Ques 16) The table below shows the number of pencil cases that Bob, Macy, Jane and Danny each have. Each pencil case has the same number of pencils. Danny has 27 more pencils than Bob. How many pencils do they have altogether?



Ques 17) Lily, Macy and Ronald are old classmates. During a recent gathering, they told each other about their occupation. Among them, there is a teacher, a doctor and a lawyer.

Below are the hints about their occupations:

Ronald is older than the teacher.

Macy is younger than the lawyer.

The lawyer is younger than Lily.

LIVEWORKSHEETS

What is Lily's occupation?

Ques 18) . Find an odd number between 200 and 241 which can be divided by both 3 and 7.

Ques 19) Tom wrote the numbers from 1 to 129 on the whiteboard. How many digits did he write?

Ques 20) In the following, all the different letters stand for different digits. Find the 4-digit number CDDB.

$$\begin{array}{cccc} & A & B & C \\ + & A & B & C \\ \hline C & D & D & B \\ \hline \end{array}$$

LIVEWORKSHEETS