

Name : - \_\_\_\_\_

Std :- IV - \_\_\_\_\_

Roll No. :- \_\_\_\_\_

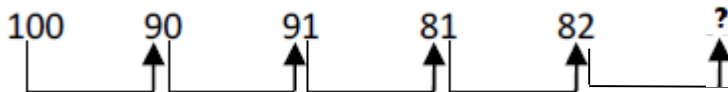
Worksheet No : Term 1-01

Date : - \_\_\_\_\_

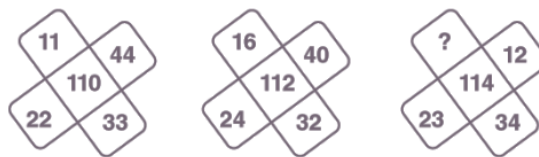
## Ch.6 Algorithm & Reasoning

**Q-1 Tick the correct answer.**

- A pizza was cut into 8 equal slices. John ate 2 slices and Maria ate 3 slices. How many slices are left?  
a) 2                                      b) 3                                      c) 5
- Write down two numbers with a sum of 12 and difference of 2.  
a) 7 and 5                                b) 8 and 4                                c) 9 and 3
- What is  $\frac{1}{4}$  of 16?  
a) 5    b) 2    c) 4
- Write the next number in each of the following



- a) 74                                  b) 72                                  c) 92
- 5) Observe the pattern given below. Find the missing number.



- a) 100                      b) 45                      c) 164
- 6) Identify the pattern for the following sequence and find the next number.
- 2, 3, 5, 8, 12, 17, 23, \_\_\_\_\_.
- a) 35                          b) 49                          c) 30

**Suppose you are sitting with your classmates in your school Auditorium during Annual Function Day. Here are some questions based on this situation:**

- 1) A video about school achievements is being played on the big screen. Which output device is displaying it?  
a) Speaker                                      b) Monitor                                      c) Projector
- 2) The program is being recorded for future viewing. Which device is used for this purpose?  
a) Scanner                                      b) Digital Camera                                      c) Keyboard
- 3) Background music is being played during a dance performance. Which output device is responsible for this?  
a) Monitor                                      b) Speakers                                      c) Microphone
- 4) The school photographer is transferring pictures from the digital camera to the computer. Which device helps in this data transfer?  
a) Scanner                                      b) USB cable or Card Reader                                      c) Printer

**Q-2 Rearrange the following steps and write numbers accordingly.**

**1) Make a cup of tea:**

- Pour hot water into cup.
- Take out tea bag
- Boil water
- Add milk/sugar if needed
- Put tea bag in cup


**2) Put these steps in the correct order to make a sandwich:**

- Spread the filling on the bread
- Take two slices of bread
- Press the slices together.
- Add the filling (peanut butter/jam)


**3) The steps to switch ON the computer.**

- Press the computer power button.
- Switch ON the UPS.
- Login and use.
- Wait while the computer boots.
- Switch ON the main power button.


**Q-3 Answer the following questions.**

1) Tom is taller than Jerry. Jerry is taller than Sam. Who is the shortest?

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2) If you are facing north and turn 90 degrees to your left, which direction are you facing now?

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3) Your age is double your brother's age and he is five years old. What is your age?

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4) A clock shows the time as 3:15. What is the angle between the hour and minute hands?

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5) Sarah has a basket with 5 red apples, 3 green apples, and 2 yellow apples. If she gives away 2 red apples, how many apples are left in the basket?

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6) There are 48 students in a class. If  $\frac{1}{4}$  of the students are girls, how many girls are there in the class?

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7) If you fold a piece of paper in half twice, how many layers do you have?

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8) If the minute hand of a clock is on 12, and the hour hand is on 3, what time is it?

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9) Which is heavier — 1 kg of cotton or 1 kg of iron?

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10) If you fold a square paper diagonally once, what shape do you get?

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