

Mathematics Olympiad

Downloadable Mock

Level 3

General Instructions:

1. Please note it is a Mock Paper. The questions might differ in the final exam.
2. The exam should be answered using pencil on the question paper itself.

Please read the questions carefully before answering them

Student Details:

Name _____

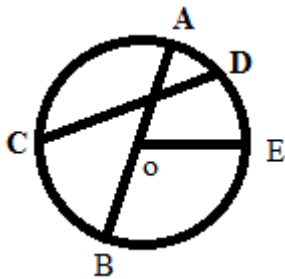
Std _____

Q1. Observe the pattern used in each row and complete the same.

1.

100	120	140			
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Q2. In the figure below identify the following.



- a) Diameter
- b) Radius

Q3. Solve the following.

1. Simran has less than 20 colour pencils. She counted her colour pencils in fours, she had three left over. She counted them in fives, she had four left over. How many colour pencils does Simran have?

2. Complete the subtraction sentence

$$\begin{array}{r} 988 \\ - \quad \quad \\ \hline 432 \end{array}$$

Q4. Solve the following.

$$\frac{1}{5} \text{ of } 35 = \underline{\hspace{2cm}}$$

$$\frac{1}{6} \text{ of } 42 = \underline{\hspace{2cm}}$$

Q5. Word problem

1. Sonu had 8 biscuits, she ate 2 of them. What fraction of candies is left with her?

Q6. Arrange the numbers in ascending or descending order as asked.

a. 2457, 1709, 256, 54, 10, 87, 399 (descending order)

Descending Order: _____

Q7. Answer the following.

1. A leap year occurs once in every _____ years.

2. Which is greater $\frac{1}{5} + \frac{2}{5}$ or $\frac{2}{5} + \frac{2}{5}$ _____

3. 42 increased by 27 is _____

Q8. Answer the following questions

1. Use > or <.

$$\frac{1}{6} \text{ _____ } \frac{3}{6}$$

2. What is the difference between 5 taken away from 20 and 8 taken away from 23? _____.

3. $\frac{1}{4}$, $\frac{4}{4}$, $\frac{8}{4}$ are like fractions. Say true or false ? _____.

4. Form the smallest four digit number using 2, 8, 6 and 0

_____.

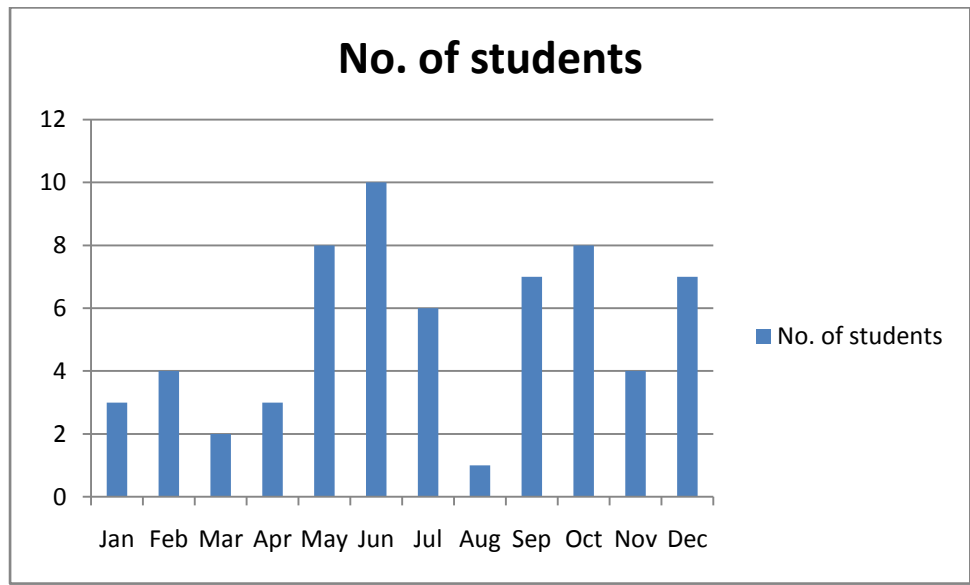
Q9. A gardner purchased 216 flower pots each for the 12 different gardens he was incharge of. How many flower pots did he purchase in all ?

Q10. What number will be?

1. 8 more than 389 _____
2. 5 less than 703 _____

Q11. Look at the graph and answer the questions given below.

The chart below shows the number of students having birthdays in the different months of the year.



1. What is the total number of students having their birthday in Nov and Dec?
2. In which month do least number of students celebrate their birthday?
3. What is the difference between the number of students who have their birthday in Oct and Jun?