



INDIAN SCHOOL SOHAR
PERIODIC ASSESSMENT – 1 (2019-20)
MATHEMATICS

CLASS: VIII
DATE: 15/05/2019

MAX. MARKS: 15
DURATION: 45 MINS

General Instructions:

- All questions are compulsory.
- The question paper consists of **6** questions divided into 4 sections A, B, C, D. Section A comprises of **1** question of **1 mark**, section B comprises of **2** questions of **2 marks** each, section C comprises **2** questions of **3 marks** each and section D comprises of **1** question of **4 marks** each.
- Use of calculators not permitted.

SECTION A

1. Find a rational number between 5 and 6.

SECTION B

2. What should be added to $\frac{-5}{8}$ to get $\frac{3}{4}$?

OR

The sum of two consecutive even numbers is 38. Find the smaller number.



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SET 2

CLASS: VIII
DATE: 15/05/2019

MAX. MARKS: 15
DURATION: 45 MINS

General Instructions:

- All questions are compulsory.
- The question paper consists of **6** questions divided into 4 sections A, B, C, D. Section A comprises of **1** question of **1 mark**, section B comprises of **2** questions of **2 marks** each, section C comprises **2** questions of **3 marks** each and section D comprises of **1** question of **4 marks** each.
- Use of calculators not permitted.

SECTION A

1. Find a rational number between 4 and 5.

SECTION B

2. What should be added to $\frac{-5}{8}$ to get $\frac{3}{4}$?

OR

The sum of two consecutive even numbers is 42. Find the smaller number.

3. Find the product of multiplicative inverse of $\frac{2}{9}$ and additive inverse of $\frac{6}{27}$.

SECTION C

4. Solve $\frac{4x+8}{5x+8} = \frac{5}{6}$

5. Represent $\frac{5}{3}, \frac{3}{2}, -\frac{4}{3}, -1$ on the number line

OR

Using appropriate properties find $\frac{6}{5} \times \left(\frac{-3}{12}\right) + \frac{5}{12} \times \frac{6}{5} + \frac{3}{10}$

SECTION D

6. Sum of the digits of a two digit number is 12. If 18 is added to the original number the digits interchange their places. What is the original number.

OR

Priya has a total of Rs.760 as currency notes in the denominations of Rs.50, Rs.20 and Rs.10. The ratio of the number Rs. 50 notes and Rs. 20 notes is 3:5. If she has a total of 25 notes, how many notes of each denomination she has?

3. Find the product of multiplicative inverse of $\frac{6}{27}$ and additive inverse of $\frac{2}{9}$.

SECTION C

4. Solve $\frac{4x+8}{5x+8} = \frac{5}{6}$

5. Represent $-\frac{4}{3}, -1, \frac{5}{3}, \frac{3}{2}$ on the number line.

OR

Using appropriate properties find $\frac{5}{12} \times \frac{6}{5} + \frac{6}{5} \times \left(\frac{-3}{12}\right) + \frac{3}{10}$

SECTION D

6. Manoj has a total of Rs.760 as currency notes in the denominations of Rs.50, Rs.20 and Rs.10. The ratio of the number Rs. 50 notes and Rs. 20 notes is 3:5. If he has a total of 25 notes, how many notes of each denomination he has?

OR

The sum of the digits of a two digit number is 6. If 18 is added to original number the digits interchange their places. What is the original number?