No of printed pages:2

INDIAN SCHOOL SOHAR
FORMATIVE ASSESSMENT I — Set 1
MATHEMATICS

Class: VIII **Marks : 20**

Date : 17-05-2015 **Time : 40 min**

General Instructions:

*This question paper consists of **9** questions in all. All questions are compulsory.*
Marks are indicated against each question.

1. Find the additive inverse of $-\frac{a}{b}$ 1

A) $-\frac{b}{a}$ B) $\frac{b}{a}$ C) $-\frac{a}{b}$ D) $\frac{a}{b}$

2. The sum of $-\frac{4}{5}$ and $\frac{5}{4}$ 1

A) 0 B) $-\frac{41}{20}$ C) $\frac{9}{20}$ D) $-\frac{9}{20}$

3. The solution of $4x - 8 = 2x + 6$ is 1

A) $x = 5$ B) $x = 6$ C) $x = 7$ D) $x = -4$

4. The cost of $7\frac{3}{2}$ metres of rope is ₹$12\frac{3}{4}$. Find its cost per metre. 2

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INDIAN SCHOOL SOHAR
FORMATIVE ASSESSMENT I — Set 2
MATHEMATICS

Class: VIII **Marks : 20**

Date : 17-05-2015 **Time : 40 min**

General Instructions:

*This question paper consists of **9**questions in all. All questions are compulsory*
Marks are indicated against each question.

1. Find the multiplicative inverse of $-\frac{a}{b}$

A) $-\frac{b}{a}$ B) $\frac{b}{a}$ C) $-\frac{a}{b}$ D) $\frac{a}{b}$ 1

2. The sum of $-\frac{3}{5}$ and $\frac{5}{3}$

A) 0 B) $-\frac{16}{15}$ C) $-\frac{34}{15}$ D) $\frac{16}{15}$ 1

3. The solution of $3y - 4 = 4y - 3$ is

A) $y = 1$ B) $y = -1$ C) $y = 7$ D) $y = -7$ 1

5. Simplify and solve $3(5z - 7) = 4(8z - 13) - 17$ 2

6. Subtract the sum of $-\frac{3}{7}$ and $\frac{5}{14}$ from $\frac{1}{3}$ 3

7. A sum of ₹1270 is in the form of denominations ₹ 10 and ₹ 20. If the total number of notes is 81, find the number of notes of each denomination. 3

8. The length of a rectangle exceeds the breadth by 8 cm. The perimeter of the rectangle is 180 cm. Find its length and breadth. 3

9. The sum of the digits of a two digit number is 9. The number obtained by reversing the digits is 9 less than the original number. Find the number. 4

********** THE END**********

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4. A shirt needs $2\frac{1}{4}$ metres of cloth. How many shirts can be made from $31\frac{1}{2}$ metres of cloth? 2

5. Simplify and solve $3(5z - 6) = 4(13 - 8z) - 17$ 2

6. Subtract the sum of $-\frac{3}{14}$ and $\frac{5}{7}$ from $\frac{1}{3}$ 3

7. A sum of ₹490 is in the form of denominations ₹ 10 and ₹ 20. If the total number of notes is 32, find the number of notes of each denomination. 3

8. The perimeter of a rectangle is 80 m. Its length is 10 m more than the breadth. Find its length and breadth 3

9. The sum of the digits of a two digit number is 7. The number obtained by reversing the digits is 9 less than the original number. Find the number. 4

********** THE END**********