



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



Sub: Arithmetic
Duration: 40 min

Class: 7
Worksheet Solution 34
RECURRING DECIMALS

Date: 17.06.20
Full Marks: 15

Choose the Correct options:

1. Change the following recurring decimal into a fraction.

$0.\dot{7}$

Simplify your answer if possible.

- (a) **7/9**
- (b) 77/99
- (c) 2/3
- (d) 7/99

2. Change the following recurring decimal into a fraction.

$0.\dot{8}$

Simplify your answer if possible.

- (a) **8/9**
- (b) 88/99
- (c) 2/3
- (d) 8/99

3. Change the following recurring decimal into a fraction.

$0.4\dot{3}\dot{6}$

Write your answer in its simplest form.

- (a) **24/55**
- (b) 48/110
- (c) 432/990
- (d) 144/330

4. Change the following recurring decimal into a fraction.

$0.21\dot{2}$

Write your answer in its simplest form.

- (a) **191/900**
- (b) 212/900
- (c) 212/990
- (d) 212/999

5. Change the following recurring decimal into a fraction.

$0.462\dot{3}$

Write your answer in its simplest form.

- (a) **1387/3000**
- (b) 4623/9000
- (c) 4161/9000
- (d) 1387/9000

6. Change the following recurring decimal into a fraction.

$0.2\dot{4}\dot{8}$

Write your answer in its simplest form.

- (a) **41/165**
- (b) 82/330
- (c) 246/990
- (d) 248/999

7. Change the following recurring decimal into a fraction.

$0.\dot{1}5\dot{3}$

Simplify your answer if possible.

- (a) **51/333**
- (b) 153/999
- (c) 14/111
- (d) 52/333

8. Change the following recurring decimal into a fraction.

$0.\dot{8}73\dot{1}$

Simplify your answer if possible.

- (a) **8731/9999**
- (b) 2911/9999
- (c) 970/1111
- (d) 2911/3333

9. Change the following recurring decimal into a fraction.

$0.\dot{2}$

Simplify your answer if possible.

- (a) **2/9**
- (b) 22/99
- (c) 1/3
- (d) 2/99

10. Change the following recurring decimal into a fraction.

$0.\dot{3}\dot{4}$

Simplify your answer if possible.

- (a) 13/33
- (b) **34/99**
- (c) 4/11
- (d) 12/33

11. Change the following recurring decimal into a fraction.

$0.\dot{5}\dot{8}$

Simplify your answer if possible.

- (a) 18/33
- (b) **58/99**
- (c) 6/11
- (d) 19/33

12. Change the following recurring decimal into a fraction.

$0.\dot{7}\dot{1}$

Simplify your answer if possible.

- (a) 23/33

- (b) **71/99**
- (c) 8/11
- (d) 24/33

13. Change the following recurring decimal into a fraction.
 $0.\dot{4}\dot{2}$

Simplify your answer if possible.

- (a) **14/33**
- (b) 42/99
- (c) 5/11
- (d) 13/33

14. Change the following recurring decimal into a fraction.
 $0.\dot{3}\dot{9}$

Simplify your answer if possible.

- (a) 14/33
- (b) 39/99
- (c) 6/11
- (d) **13/33**

15. Change the following recurring decimal into a fraction.
 $0.\dot{4}\dot{3}\dot{1}$

Simplify your answer if possible.

- (a) 143/333
- (b) **431/999**
- (c) 47/111
- (d) 142/333