



ST. LAWRENCE HIGH SCHOOL

A Jesuit Christian Minority Institution



Sub: Arithmetic
Duration: 40 Min

Class: 7
Worksheet Solutions 05
FRACTIONS AND DECIMALS

Date: 30.01.21
Full Marks: 15

Choose the correct options:

1. $4/9 + 2/9$

- a. $1/3$
- b. $3/2$
- c. $6/18$
- d. $2/3$**

2. $11/15 - 7/15$

- a. $1/15$
- b. $2/15$
- c. $3/15$
- d. $4/15$**

3. $2/11 + 5/7$

- a. $7/18$
- b. $10/77$
- c. $69/77$
- d. $10/18$

4. $4/5 - 1/3$

- a. $4/15$
- b. $1/5$
- c. $2/5$
- d. $7/15$**

5. $2/5 \div 3/5$

- a. $1/3$
- b. $5/2$
- c. $3/2$
- d. $2/3$

6. $6/5 \times 25/36$

- a. $6/5$
- b. $5/6$**
- c. $25/6$
- d. $5/36$

7. $8/9 \div 4$

- a. $32/9$
- b. $2/9$**
- c. $1/9$
- d. $1/18$

8. $\frac{1}{8}$ of 72

- a. **9**
- b. 8
- c. $\frac{1}{72}$
- d. 6

9. What is the sum of $\frac{3}{4}$, $\frac{7}{6}$ and $1\frac{3}{5}$?

- a. $3\frac{1}{2}$
- b. $3\frac{31}{60}$
- c. $2\frac{13}{60}$
- d. **$\frac{412}{120}$**

10. What is the difference $\frac{13}{15}$ and $\frac{11}{35}$?

- a. **$\frac{58}{105}$**
- b. $5\frac{8}{105}$
- c. $\frac{26}{30}$
- d. $\frac{23}{15}$

11. What is the product of $1\frac{1}{3}$, $3\frac{1}{4}$ and $\frac{7}{8}$?

- a. A) $3\frac{18}{24}$
- b. B) $2\frac{19}{24}$
- c. C) $3\frac{19}{24}$
- d. D) $2\frac{18}{24}$

12. Guru reads $\frac{3}{5}$ of a book. He finds that there are still 80 pages left to be read. What is the total number of pages in the book?

- a. 100
- b. **200**
- c. 300
- d. 400

13. What is $\frac{1}{7}$ of 49 litres?

- a. 1l
- b. 5l
- c. **7l**
- d. 6l

14. Indian cricket team won 4 more matches than it lost with New Zealand. If it won $\frac{3}{5}$ of its matches, how many matches did India play?

- a. 8
- b. 12
- c. **16**

d. 20

15. What is the product of a fractional number and its reciprocal?

- a. 0
- b. same number
- c. 1**
- d. undefined