



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



Sub: Arithmetic
Duration: 40 min

Class: 7
Worksheet Solution 32
FRACTIONS

Date: 15.06.20
Full Marks: 15

Choose the Correct options:

1. $\frac{4}{7} \div \left[1\frac{2}{7} - \frac{3}{14}\right]$
 - a. $2/5$
 - b. $7/15$
 - c. **$8/15$**
 - d. $3/5$

2. $7 + \left\{\frac{1}{3} + \frac{2}{9} \times \left(\frac{7}{4} - \frac{5}{12}\right)\right\}$
 - a. $9\frac{11}{27}$
 - b. **$7\frac{17}{27}$**
 - c. $5\frac{12}{27}$
 - d. $7\frac{27}{34}$

3. $\left\{\left(10\frac{1}{3} - \frac{2}{9}\right) \div \frac{5}{18}\right\}$ of $\left(\frac{3}{8} + \frac{1}{4}\right)$
 - a. $20\frac{2}{3}$
 - b. **$22\frac{3}{4}$**
 - c. $23\frac{5}{6}$
 - d. $24\frac{6}{7}$

4. $4\frac{1}{3} - \left\{\frac{17}{4} - \left(5\frac{1}{4} \times 2\frac{1}{2}\right)\right\}$
 - a. **$13\frac{5}{24}$**
 - b. $11\frac{6}{25}$
 - c. $12\frac{4}{23}$
 - d. $14\frac{1}{21}$

5. $\frac{71}{3} - \frac{21}{4} \div \left(2\frac{1}{5} \times 3\frac{3}{4}\right)$
 - a. $19\frac{16}{32}$
 - b. $20\frac{16}{33}$
 - c. $2\frac{16}{33}$
 - d. $21\frac{6}{33}$

6. $\frac{15}{21}$ of $\frac{45}{3} - \frac{3}{7} \div \frac{1}{15}$
 - a. **$4\frac{2}{7}$**
 - b. $5\frac{3}{5}$
 - c. $6\frac{4}{7}$
 - d. $7\frac{5}{7}$

7. $\frac{3}{16} + \left(\frac{13}{16} \div 2\frac{9}{15}\right) \div 1\frac{1}{3}$

a. $16/27$

b. $25/27$

c. $27/64$

d. $36/121$

8. $\frac{3}{4}$ of $\frac{16}{27} + \frac{23}{14} + \frac{12}{18}$

a. $2\frac{95}{126}$

b. $3\frac{61}{63}$

c. $2\frac{59}{63}$

d. $1\frac{95}{126}$

9. $\frac{7}{9} \times 1\frac{1}{5} \div \frac{8}{15}$

a. $1\frac{1}{4}$

b. $1\frac{3}{4}$

c. $2\frac{1}{4}$

d. $2\frac{3}{4}$

10. $\left(\frac{1}{5} + \frac{4}{5}\right)$ of $3\frac{1}{3}$

a. $3\frac{1}{3}$

b. $2\frac{2}{3}$

c. $3\frac{2}{3}$

d. $2\frac{1}{3}$

11. $\frac{6}{17} \times \frac{34}{15} - \frac{6}{35}$ of $2\frac{1}{3}$

a. $1/5$

b. $2/5$

c. $3/5$

d. $4/5$

12. $\frac{4}{7} \div \frac{5}{7} \times \frac{9}{11}$

a. $7/11$

b. $36/55$

c. $37/55$

d. $11/36$

13. $6\frac{1}{3} \div \frac{3}{5}$ of $\frac{19}{9} + \frac{6}{3}$

a. 5

b. 7

c. 8

d. 9

14. $\frac{12}{7}$ of 21 + $\frac{15}{4} \div \frac{3}{7} - \frac{4}{3}$

a. $24 \frac{5}{7}$

b. $36 \frac{5}{7}$

c. $48 \frac{5}{7}$

d. $60 \frac{5}{7}$

15. $\frac{11}{5} + \frac{4}{21}$ of 42 - $\frac{18}{5} \div \frac{27}{45}$

a. $1 \frac{4}{5}$

b. $2 \frac{2}{5}$

c. $4 \frac{1}{5}$

d. $4 \frac{4}{5}$