



# ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

- Subject-Mathematics Worksheet- -20 Class – 5
- Date -30.04.2020
- Chapter: Fractions
- Answer the following questions (MCQ) : (1×15):

- Question 1

Q.  $\frac{1}{2} \times \frac{3}{4}$  (simplify if needed)

answer choices

---

$\frac{3}{8}$

$\frac{3}{4}$

$\frac{4}{6}$

$\frac{3}{2}$

- Question 2

Q.  $\frac{6}{11} \times \frac{5}{6}$  (simplify if needed)

answer choices

---

$\frac{15}{33}$

$\frac{30}{66}$

$\frac{11}{17}$

$\frac{5}{11}$

- Question 3

Q.  $\frac{18}{45}$  simplifies to...

answer choices

---

$\frac{6}{15}$

$\frac{5}{8}$

$\frac{2}{5}$

$\frac{1}{4}$

- Question 4

Q. George has  $\frac{1}{3}$  pan of brownies. He eats  $\frac{1}{4}$  of them. What fraction did George eat?

answer choices

---

$\frac{1}{7}$

$\frac{1}{4}$

$\frac{1}{3}$

$\frac{1}{12}$

- Question 5

Q. Find the answer in simplest form:

$\frac{3}{7} \times \frac{2}{3}$

answer choices

---

$\frac{18}{21}$

$\frac{9}{10}$

6

$\frac{6}{21}$

- Question 6

Q. Two-thirds of the students in your class are boys. One-eighth of the boys play soccer. What fraction of the kids in your class are boys who play soccer?

answer choices

---

$\frac{3}{11}$

$\frac{1}{4}$

$\frac{1}{12}$

$\frac{1}{5}$

- Question 7

Q. Nik has  $\frac{1}{5}$  of a chocolate bar, and Emme has  $\frac{2}{3}$  of a chocolate bar. What fraction of a chocolate bar do they have all together?

answer choices

---

$\frac{3}{8}$

$\frac{14}{15}$

$\frac{3}{15} = \frac{1}{5}$

$\frac{13}{15}$

- Question 8

Q. Convert the mixed number to a fraction-  $5\frac{3}{8}$

answer choices

---

$\frac{43}{8}$

$\frac{40}{8}$

$\frac{15}{8}$

$\frac{38}{8}$

- Question 9

Q. When a whole number is multiplied by a fraction, is the product greater than or less than that whole number?

answer choices

---

Greater Than

Less Than

- Question 10

Q. When a whole number is multiplied by a mixed number, is the product greater than or less than that whole number?

answer choices

---

Greater Than

Less Than

- Question 11

Q. Of the flowers on Jill's lawn,  $\frac{2}{5}$  are tulips. Of the tulips,  $\frac{5}{8}$  are yellow. What fraction of the flowers on Jill's lawn are yellow tulips?

answer choices

---

$\frac{1}{8}$

$\frac{1}{4}$

$\frac{1}{2}$

$\frac{7}{13}$

- Question 12

Q. Laurie runs around a track that is  $\frac{1}{4}$  mile long. If she does 10 laps around the track, how far does she run?

answer choices

---

$\frac{2}{5}$  mile

2  $\frac{1}{4}$  mile

2  $\frac{1}{2}$  mile

10  $\frac{1}{4}$  mile

- Question 13

Q. Which product would be less than 10?

answer choices

---

$10 \times 2 \frac{1}{3}$

$10 \times \frac{12}{3}$

$10 \times 5$

$10 \times \frac{2}{3}$

- Question 14

Q. Jared made  $12 \frac{3}{4}$  cups of snack mix for a party. His guests ate  $\frac{2}{3}$  of the mix. How much snack mix did he guests eat?

answer choices

---

4  $\frac{5}{12}$

4  $\frac{1}{2}$

8  $\frac{6}{12}$  or 8  $\frac{1}{2}$

12  $\frac{5}{7}$

- Question 15

Q.  $\frac{1}{7} \times 6 =$

answer choices

---

$\frac{6}{42}$

$\frac{6}{7}$

$\frac{7}{7}$

1

Teacher- Piyali Halder