

REINFORCEMENT WORKSHEET #7

Operations with FRACTIONS

Activity#1: Choose the best option.

i) Sum of $6\frac{2}{3}$ and $2\frac{2}{3}$ is:

a) $\frac{26}{3}$

b) $9\frac{1}{3}$

c) Both 'a' and 'b'

ii) What is $\frac{1}{2}$ of 2?

a) 4 Wholes

b) 2 wholes

c) 1 whole

iii) What is the reciprocal of $7\frac{1}{8}$?

a) $\frac{58}{8}$

b) $\frac{57}{8}$

c) $\frac{8}{57}$

iv) Subtract $\frac{3}{12}$ from $\frac{3}{4}$.

a) $\frac{3}{8}$

b) $\frac{1}{2}$

c) $\frac{25}{4}$

v) $\frac{16}{44} \div \frac{8}{11} =$ _____ (Simplified form)

a) One- half

b) two-quarters

c) Both a and b

vi) Which one of the following fractions is equivalent to $\frac{2}{3}$?

a) $\frac{4}{5}$

b) $\frac{10}{25}$

c) $\frac{10}{15}$

vii) Reciprocal of 0 is _____.

a) Undefined

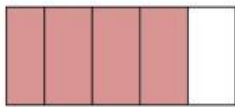
b) 0

c) $\frac{0}{1}$

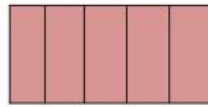
(viii)



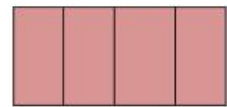
(a)



(b)



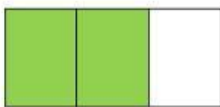
(c)



(ix)



(a)



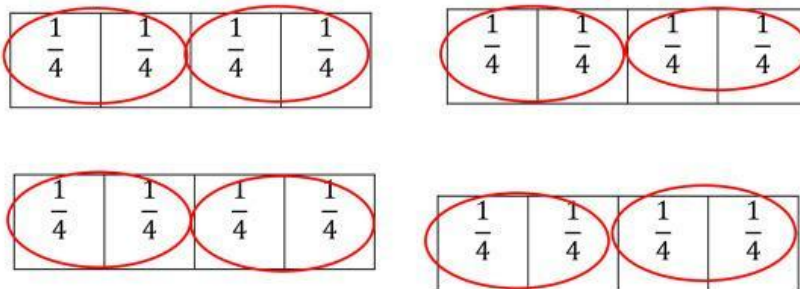
(b)



(c)



(x)



Choose the correct sentence according to the figure.

a)

$$4 \div \frac{2}{4}$$

b) $4 \times \frac{2}{4}$

c) $4 \div \frac{1}{4}$

(xi)

If $\frac{17}{19}$ of a container is filled, then what is the fraction of the unfilled part of the container?

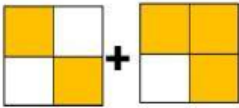

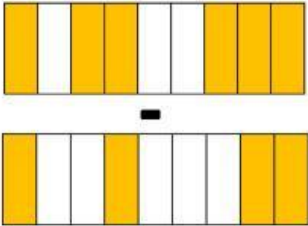
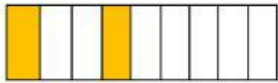
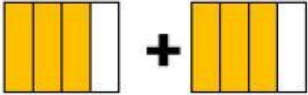
a)

$$\frac{2}{19}$$

b) $\frac{3}{19}$

c) $\frac{5}{19}$

Activity#2: Match the column.

| COLUMN A | COLUMN B |
|---|--|
|  |  |
|  | 1 |
| Reciprocal of 1 |  |
| $4 \div \frac{2}{5}$ | Five-quarters |
| Product of $2\frac{2}{5}$ and $\frac{10}{3}$. | 10 Wholes |
|  | 8 |

Activity#3: Identify the given statements as True or False.

- Reciprocal of unit fraction is a whole number. (T / F)
- $\frac{3}{4}$ of 20 cupcakes is equal to 13 cupcakes. (T / F)
- Sum of $\frac{5}{7}$, $\frac{13}{28}$ and $\frac{3}{4}$ is $1\frac{13}{14}$. (T / F)
- Three-Eighths of 6 is the same as 6 times Five-Eighths. (T / F)
- Order doesn't matter in addition and Multiplication of numbers/fractions. (T / F)
- Product of fraction and its reciprocal is always equal to 1. (T / F)

Activity#4: Guess the operation for the given word problems.

- a. Amna has Rs 630. She wants to buy a bag that costs $\frac{5}{9}$ of the amount she has. What is the cost of the bag?

MULTIPLICATION / DIVISION

- b. How many equal pieces of $2\frac{3}{4}$ m can be cut from a string of $16\frac{1}{2}$ m length?

MULTIPLICATION / DIVISION

- c. Raheela took $\frac{1}{2}$ hour to paint a table and $\frac{1}{3}$ hour to paint a chair. How much time did she take in all?

ADDITION / SUBTRACTION

- d. If $3\frac{1}{2}$ m long piece of wire is cut from a wire which is 10 m long, then how much length of wire is left?

ADDITION / SUBTRACTION

- e. A frog took three jumps. The first jump was $\frac{2}{3}$ m long, the second was $\frac{5}{6}$ m long and the third was $\frac{1}{3}$ m long. How far did the frog jump in all?

ADDITION / SUBTRACTION