

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) $\frac{16}{44} \div \frac{8}{11} = \underline{\hspace{2cm}}$ (Simplified form)

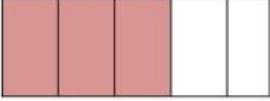
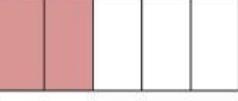
a) One- half b) two-quarters c) Both a and b

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

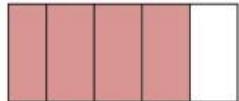
a) $\frac{4}{5}$ b) $\frac{10}{25}$ c) $\frac{10}{15}$

(vii) Reciprocal of 0 is _____.

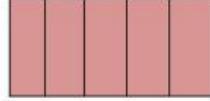
a) Undefined b) 0 c) $\frac{0}{1}$

(viii)  +  = _____

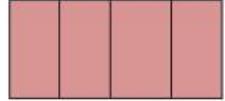
(a)



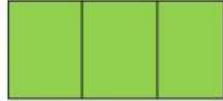
(b)



(c)



(ix)

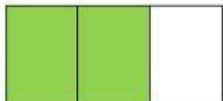


-



= _____

(a)



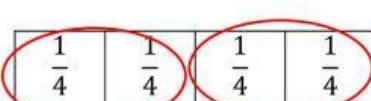
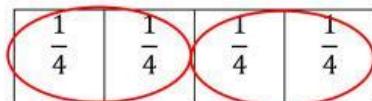
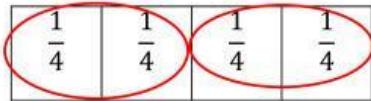
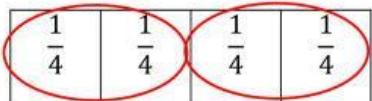
(b)



(c)



(x)



Choose the correct sentence according to the figure.

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

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

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

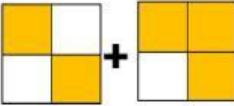
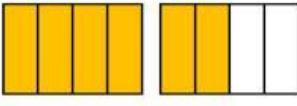
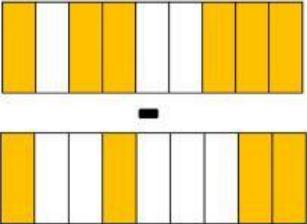
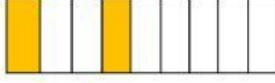
(xi) If $\frac{17}{19}$ of a container is filled, then what is the fraction of the unfilled part of the container?

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