

INDIAN SCHOOL AL WADI AL KABIR

DEPARTMENT OF MATHEMATICS (2023-2024)

TOPIC: FRACTIONS

RESOURCE PERSON: Ms. FLAVIA CASTELINO

WORKSHEET

____CLASS: V SEC: ____ DATE: ____ NAME:

Read the instructions and do as directed.

- I. Read the questions carefully and circle the correct answer.
 - 1) Which of the following is **NOT Equivalent** to $\frac{4}{10}$?

(a)
$$\frac{4 \times 2}{10 \times 2}$$
 (b) $\frac{4+2}{10+2}$ (c) $\frac{4 \div 2}{10 \div 2}$

(b)
$$\frac{4+2}{10+2}$$

(c)
$$\frac{4 \div 2}{10 \div 2}$$

(d)
$$\frac{2}{5}$$

2)
$$\frac{4}{7}$$
 + ____ = **1**

(a)
$$\frac{7}{4}$$

(b)
$$\frac{2}{7}$$

(c)
$$\frac{3}{7}$$

(d)
$$\frac{7}{7}$$

3) Which of the following is a **Proper Fraction**?

(a)
$$\frac{15}{6}$$

(b)
$$\frac{9}{8}$$

(c)
$$\frac{8}{9}$$

(d)
$$\frac{13}{3}$$

4) Which of the fractions given below is **smaller than** $\frac{5}{\alpha}$?

(a)
$$\frac{5}{9}$$

(b)
$$\frac{5}{7}$$

(c)
$$\frac{5}{6}$$

(d)
$$\frac{5}{3}$$

5) Observe the set of fractions given below. Which of the given sets is **Equivalent to** $\frac{4}{6}$?

(a)
$$\frac{2}{4}$$
 $\frac{6}{8}$ $\frac{5}{10}$

(a)
$$\frac{2}{4}$$
 $\frac{6}{8}$ $\frac{5}{10}$ (b) $\frac{5}{9}$ $\frac{6}{12}$ $\frac{8}{15}$ (c) $\frac{2}{3}$ $\frac{6}{9}$ $\frac{8}{12}$ (d) $\frac{6}{4}$ $\frac{9}{3}$ $\frac{8}{5}$

(c)
$$\frac{2}{3}$$
 $\frac{6}{9}$ $\frac{8}{12}$

(d)
$$\frac{6}{4} \quad \frac{9}{3} \quad \frac{8}{5}$$

II. Do as directed.

1) Check whether $\frac{7}{9}$ and $\frac{14}{15}$ are **Equivalent** or **Not**. Write **E** if Equivalent and **NE** if not Equivalent. (Use the Method of Cross Multiplication.)

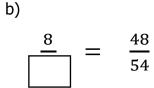
- 2) Reduce $\frac{21}{35}$ to its **lowest term**.
- 3) Solve the following.

a)	2		3
	5	+	10

$\frac{2}{5} + \frac{3}{10}$	b) $\frac{4}{5} - \frac{1}{4}$

4) Fill in the missing number to make the fractions **Equivalent**.

a)			
	2		
	_	=	
	5		25



5) Anita ate $\frac{3}{4}$ of a chocolate slab. Vinita ate $\frac{2}{3}$ of the similar chocolate slab. How much more did Anita eat than Vinita?

6) Tania did $\frac{3}{8}$ of her homework on Saturday and $\frac{1}{4}$ of the homework on Sunday. How much of the homework did she do over the weekend?