



# INDIAN SCHOOL AL WADI AL KABIR

DEPARTMENT OF MATHEMATICS (2023-2024)

TOPIC: FRACTIONS

RESOURCE PERSON: Ms. FLAVIA CASTELINO

WORKSHEET

NAME: \_\_\_\_\_ CLASS: V SEC: \_\_\_\_\_ DATE: \_\_\_\_\_

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

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

2)  $\frac{4}{7} + \underline{\hspace{2cm}} = 1$

(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**  $\frac{5}{8}$  ?

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

(b)  $\frac{5}{9} \quad \frac{6}{12} \quad \frac{8}{15}$

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

(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.)

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2) Reduce  $\frac{21}{35}$  to its **lowest term**.

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3) Solve the following.

a) $\frac{2}{5} + \frac{3}{10}$ <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	b) $\frac{4}{5} - \frac{1}{4}$ <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
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4) Fill in the missing number to make the fractions **Equivalent**.

a) $\frac{2}{5} = \frac{\boxed{\phantom{000}}}{25}$	b) $\frac{8}{\boxed{\phantom{000}}} = \frac{48}{54}$
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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?

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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?

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