INDIAN SCHOOL AL WADI AL KABIR

DEPARTMENT OF MATHEMATICS (2025-2026)

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) $\dfrac{2}{5}$ + _____ = **1**

　(a) $\dfrac{5}{2}$ 　　　　(b) $\dfrac{3}{5}$ 　　　　(c) $\dfrac{5}{5}$ 　　　　(d) $\dfrac{4}{5}$

2) Which of the following is **NOT Equivalent** to $\dfrac{6}{10}$?

　(a) $\dfrac{6 \times 2}{10 \times 2}$ 　　　　(b) $\dfrac{6 + 2}{10 + 2}$ 　　　　(c) $\dfrac{6 \div 2}{10 \div 2}$ 　　　　(d) $\dfrac{3}{5}$

3) Observe the set of fractions given below. Which of the given sets is **Equivalent to** $\dfrac{6}{8}$?

　(a) $\dfrac{2}{4}$ $\dfrac{6}{8}$ $\dfrac{5}{10}$ 　　(b) $\dfrac{5}{9}$ $\dfrac{6}{12}$ $\dfrac{8}{15}$ 　　(c) $\dfrac{3}{4}$ $\dfrac{9}{12}$ $\dfrac{12}{16}$ 　　(d) $\dfrac{6}{4}$ $\dfrac{9}{3}$ $\dfrac{8}{5}$

4) Which of the following is a **mixed number** for the improper fraction $\dfrac{17}{7}$?

　(a) $3\dfrac{2}{7}$ 　　　　(b) $2\dfrac{3}{7}$ 　　　　(c) $2\dfrac{7}{17}$ 　　　　(d) $3\dfrac{7}{17}$

5) Which of the fractions given below is **greater than** $\dfrac{7}{11}$?

　(a) $\dfrac{7}{15}$ 　　　　(b) $\dfrac{7}{13}$ 　　　　(c) $\dfrac{7}{12}$ 　　　　(d) $\dfrac{7}{10}$

II. Do as directed.

1) Check whether the given fractions are **Equivalent** or **Not** and complete the statement given below (Show the steps of working.)

$$\frac{3}{8} \text{ and } \frac{9}{24}$$

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Ans: Since the cross products are _____, $\frac{3}{8}$ and $\frac{9}{24}$ are _____.

2) **Compare** the following fractions using the symbol **>**, **<** or **=**.

$$\frac{9}{10} \bigcirc \frac{9}{15}$$

Reason: _____

_____

3) Reduce $\frac{21}{49}$ to its **lowest term**.

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4) Change **$9\frac{3}{4}$** into **improper fraction**.

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5) Solve the following.

a) $\dfrac{2}{5} + \dfrac{3}{10}$

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b) $\dfrac{2}{3} - \dfrac{5}{12}$

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

a)

$$\dfrac{4}{5} = \dfrac{\boxed{}}{20}$$

b)

$$\dfrac{7}{\boxed{}} = \dfrac{42}{54}$$

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7) Maya's bag weighs $\dfrac{3}{4}$ kg and her sister's bag weighs $\dfrac{5}{8}$ kg. How much more does the Maya's bag weigh more than her sister's bag?

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8) Jaya jogged $\dfrac{1}{6}$ km on Saturday and $\dfrac{2}{3}$ km on Sunday. What distance did she jog during the weekend?

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