CLASS 5 WORKSHEET ON MATHEMATICS CHAPTER: 4.1 FRACTIONS - EQUIVALENT FRACTIONS

Your Name: _____

School Name: _____

Sec: _____ **Roll No.** _____ **Date:** _____

A. Answer the following questions

1. Find the groups of like fractions.

(a) $\frac{1}{55}$ $\frac{31}{55}$ $\frac{17}{55}$

(b) $\frac{4}{3}$ $\frac{6}{3}$ $\frac{5}{4}$

2. Find the groups of like fractions.

(a) $\frac{2}{9}$ $\frac{3}{9}$ $\frac{9}{9}$

(b) $\frac{2}{7}$ $\frac{2}{7}$ $\frac{2}{17}$

3. Find the groups of like fractions.

(a) $\frac{1}{45}$ $\frac{4}{45}$ $\frac{56}{45}$

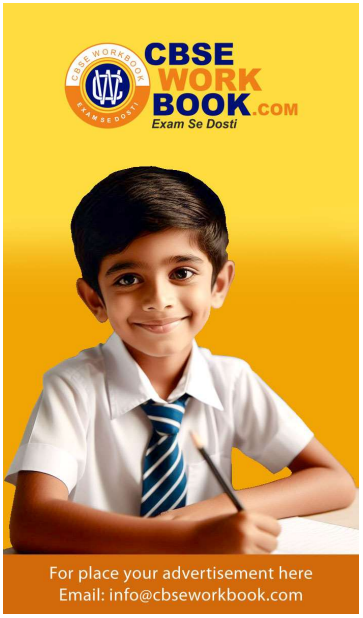
(b) $\frac{1}{6}$ $\frac{4}{6}$ $\frac{23}{6}$

B. Answer the following questions

1. Name the type of fractions (Proper Fraction OR Improper Fraction OR Whole Number).

(a) $\frac{2}{8}$ (b) $\frac{9}{6}$ (c) $\frac{1}{6}$

2. Name the type of fractions (Proper Fraction OR Improper Fraction OR Whole Number).





(a) $\frac{23}{45}$ (b) $\frac{34}{34}$ (c) $\frac{66}{66}$

3. Name the type of fractions (Proper Fraction OR Improper Fraction OR Whole Number).

(a) $\frac{3}{4}$ (b) $\frac{56}{34}$ (c) $\frac{5}{5}$

C. Answer the following questions

1. Express the following mixed fractions as improper fractions.

(a) $3\frac{2}{7}$ (b) $5\frac{3}{5}$

2. Express the following mixed fractions as improper fractions.

(a) $5\frac{6}{3}$ (b) $4\frac{5}{8}$

3. Express the following mixed fractions as improper fractions.

(a) $3\frac{2}{5}$ (b) $5\frac{7}{2}$

D. Answer the following questions

1. Express the following improper fractions as mixed fractions.

(a) $\frac{34}{12}$ (b) $\frac{17}{8}$

2. Express the following improper fractions as mixed fractions.

(a) $\frac{18}{9}$ (b) $\frac{7}{2}$

3. Express the following improper fractions as mixed fractions.

(a) $\frac{6}{2}$ (b) $\frac{8}{3}$

E. Answer the following questions

1. Reduce the following fractions to their lowest form.

(a) $\frac{4}{8}$ (b) $\frac{64}{72}$

2. Reduce the following fractions to their lowest form.

(a) $\frac{12}{16}$ (b) $\frac{15}{6}$

3. Reduce the following fractions to their lowest form.

(a) $\frac{18}{9}$ (b) $\frac{30}{42}$

F. Answer the following questions

1. Write three equivalent fractions.

(a) $\frac{5}{8}$ (b) $\frac{4}{9}$

2. Write three equivalent fractions.

(a) $\frac{5}{9}$ (b) $\frac{7}{8}$

3. Write three equivalent fractions.

(a) $\frac{3}{4}$ (b) $\frac{6}{7}$

G. Answer the following questions

1. Cross multiply to find whether the fractions are equivalent or not.

(a) $\frac{6}{7}$ $\frac{36}{42}$

(b) $\frac{2}{9}$ $\frac{6}{27}$

2. Cross multiply to find whether the fractions are equivalent or not.

(a) $\frac{4}{7}$ $\frac{9}{21}$

(b) $\frac{5}{7}$ $\frac{10}{14}$

3. Cross multiply to find whether the fractions are equivalent or not.

(a) $\frac{3}{6}$ $\frac{3}{7}$

(b) $\frac{7}{8}$ $\frac{7}{15}$

H. Answer the following questions

1. Fill in the missing numerators and denominators.

(a) $\frac{\quad}{5} = \frac{20}{25}$ (b) $\frac{1}{6} = \frac{\quad}{36}$

2. Fill in the missing numerators and denominators.

(a) $\frac{3}{4} = \frac{\quad}{60}$ (b) $\frac{2}{9} = \frac{18}{\quad}$

3. Fill in the missing numerators and denominators.

(a) $\frac{4}{6} = \frac{80}{\quad}$ (b) $\frac{1}{2} = \frac{\quad}{60}$

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