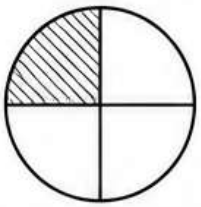
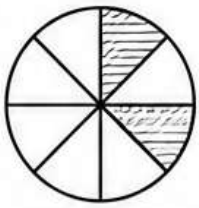
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Fractions Worksheet Class 6

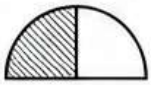


Read the questions carefully and solve them.

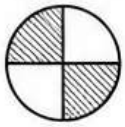
Key Concepts

- A fraction is a part of a whole.
- Numerator : top number
- Denominator : bottom number

Types of Fractions



$\frac{1}{2}$ (Unit Fraction)



$\frac{3}{4}$ (Proper Fraction)

Important Facts

- Equivalent Fractions:

$$\frac{1}{2} = \frac{2}{4} = \frac{3}{6}$$

- Compare: Same denominator or use cross multiiplication.

A. Identify the type of fraction.

a) $\frac{3}{8}$ – _____

b) $\frac{7}{7}$ – _____

c) $\frac{5}{9}$ – _____

d) $\frac{4}{3}$ – _____

e) $\frac{9}{12}$ – _____

B. Write the given fractions in simplest form.

a) $\frac{6}{8}$ = _____

b) $\frac{12}{18}$ = _____

c) $\frac{15}{25}$ = _____

d) $\frac{24}{36}$ = _____

e) $\frac{9}{15}$ = _____

C. Write the missing numerator or denominator.

a) $\frac{3}{4} = \frac{\quad}{8}$

b) $\frac{2}{3} = \frac{6}{\quad}$

c) $\frac{5}{6} = \frac{\quad}{12}$

d) $\frac{7}{10} = \frac{21}{\quad}$

e) $\frac{4}{9} = \frac{12}{\quad}$

D. Compare the fractions. Use >, < or =.

a) $\frac{3}{5}$ ◯ $\frac{1}{5}$

b) $\frac{7}{8}$ ◯ $\frac{3}{8}$

c) $\frac{2}{7}$ ◯ $\frac{5}{7}$

d) $\frac{4}{9}$ ◯ $\frac{4}{11}$

e) $\frac{5}{6}$ ◯ $\frac{3}{6}$

E. Add or Subtract the fractions.

a) $\frac{1}{4} + \frac{2}{4}$ = _____

b) $\frac{5}{6} + \frac{1}{6}$ = _____

c) $\frac{7}{10} - \frac{3}{10}$ = _____

d) $\frac{3}{8} + \frac{5}{8}$ = _____

e) $\frac{11}{12} - \frac{7}{12}$ = _____

F. Multiply the fractions.

a) $\frac{1}{2} \times \frac{3}{4}$ = _____

b) $\frac{5}{6} \times \frac{2}{3}$ = _____

c) $\frac{7}{8} \times \frac{4}{7}$ = _____

d) $\frac{3}{5} \times \frac{5}{9}$ = _____

e) $\frac{2}{9} \times \frac{6}{7}$ = _____

G. Solve the word problems.

a) Riya ate $\frac{3}{8}$ of a pizza and her friend ate $\frac{2}{8}$ of the same pizza. What fraction of the pizza did they eat together? _____

b) A ribbon is $\frac{5}{6}$ m long. $\frac{2}{6}$ m of it is used. How much ribbon is left? _____

c) A tank is $\frac{3}{4}$ full of water. $\frac{1}{4}$ is used. What fraction of water is left in the tank? _____