

P.3 Mathematics

LESSON ONE WEEK SIX

THEME SEVEN; MANAGING RESOURCES

Fractions

A fraction is a part of a whole.

The whole is always cut or divided into equal parts.

Names and parts of a fraction.

- Numerator (top number)
- Denominator (bottom number).
- A whole number.

Activity : 1. Identify wholes
2. Cutting different fractions.

Lesson 2

Types of fractions

Proper fractions: - These are fractions which have their top number smaller than the bottom number.

Examples

$$\frac{1}{2}, \frac{1}{3}, \frac{1}{5}, \frac{63}{89}$$

Improper fractions

These are fractions which have top number bigger than the bottom number.

Examples

$$\frac{4}{3}, \frac{9}{2}, \frac{82}{12}, \frac{15}{2}$$

Mixed numbers

These are numbers which have both whole numbers and fractions.

Examples

$$2\frac{1}{4}, \quad 3\frac{2}{5}, \quad 4\frac{1}{3}$$

ACTIVITY:

1. Cutting different fruits to show different types of fractions.
2. Counting fractions in a whole.

Lesson 3

Writing fractions in words

$$\frac{1}{2} \quad - \quad \text{a half}$$

$$\frac{1}{5} \quad - \quad \text{One fifth or a fifth}$$

Writing word fractions in figures

1) Three sevenths = $\frac{3}{7}$

2) Four ninths = $\frac{4}{9}$

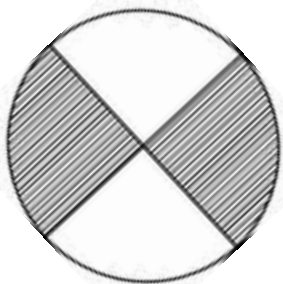
ACTIVITY

1. Write the following fractions in words.

$$\frac{1}{3} \quad \underline{\hspace{10em}} \quad \frac{1}{4} \quad \underline{\hspace{10em}}$$

Lesson 4

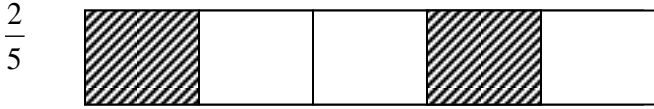
Shaded and un-shaded fractions



2 of the 4 parts shaded $\frac{2}{4}$

2 of the 4 parts un-shaded $\frac{2}{4}$

Drawing and shading given fractions



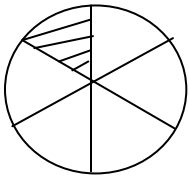
ACTIVITY

1. Drawing and shading fractions.

$\frac{7}{10}$

$\frac{3}{5}$

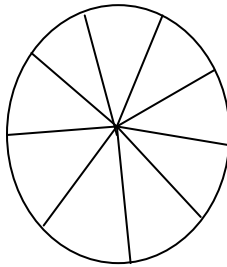
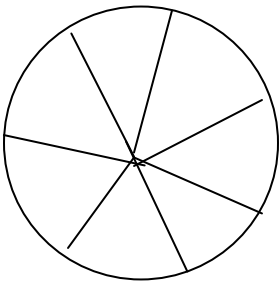
2. Naming shaded and un-shaded fractions



Lesson 5

Comparing fractions

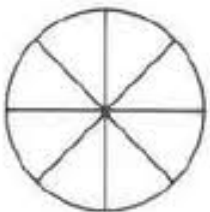
$\frac{1}{7}$ and $\frac{1}{9}$



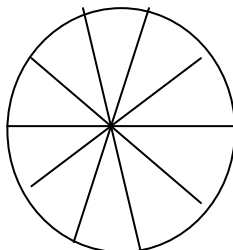
$\frac{1}{7}$ is greater than $\frac{1}{9}$.

Which is smaller?

$\frac{1}{8}$



$\frac{1}{10}$



$\frac{1}{10}$ is smaller than an eighths $\frac{1}{8}$

ACTIVITY:

1. Compare these fractions.

