Identifying Fractions

Determine what fraction of a shape has been chosen

A fraction consists of 2 parts :-

$\frac{2}{3}$

the DENOMINATOR tells you the type of fraction you are dealing with (**thirds** here).

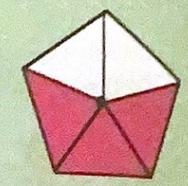
the NUMERATOR tells you the number or "how many" of the thirds (in this case **two**).

Examples :-

This shape shows 3 out of 4 equal parts are **green**.

$\frac{3}{4}$ of this shape is **green**.

This shape shows 3 out of 5 equal parts are **purple**.



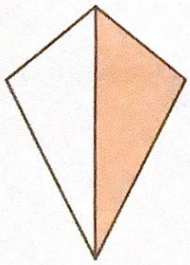
$\frac{3}{5}$ of this shape is **purple**.

$\frac{2}{5}$ of this shape is **not** purple.

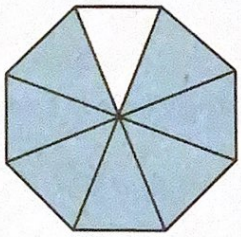
Exercise 2

1. For each of the following, write the fraction that is coloured :-

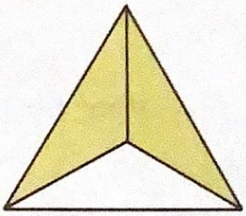
a



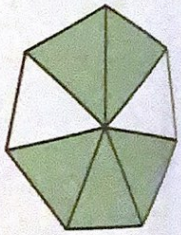
b



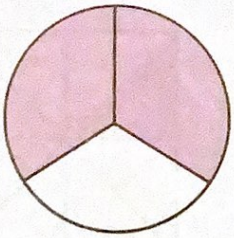
c



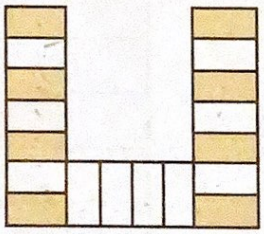
d



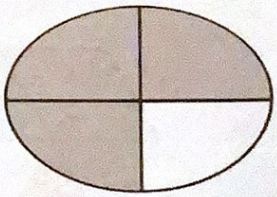
e



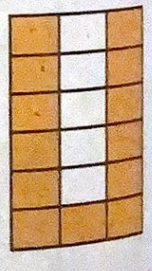
f



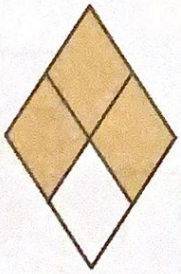
g



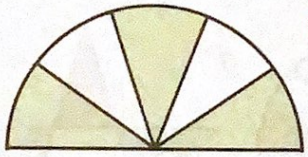
h



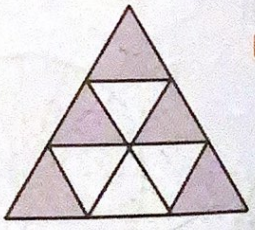
i



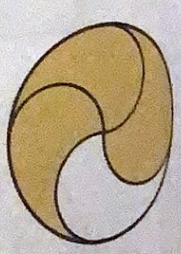
j



k

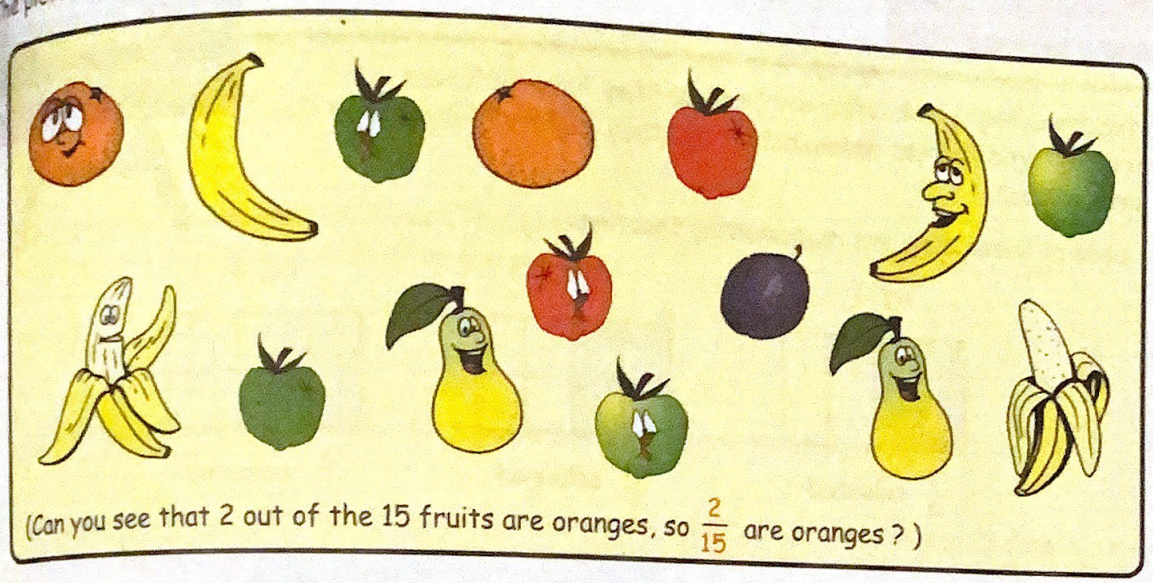


l



2. For each shape in question 1, write what fraction is **not** coloured.

The picture shows 15 pieces of fruit.



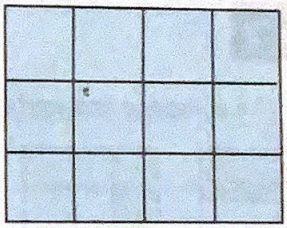
(Can you see that 2 out of the 15 fruits are oranges, so $\frac{2}{15}$ are oranges ?)

3. Write down what fraction of the fruits are :-

a bananas ($\frac{?}{15}$) b apples c plums d pears.

4. a Use a ruler to draw this rectangle measuring 4 boxes by 3 boxes. Shade in any 5 boxes.

Can you see that $\frac{5}{12}$ of the rectangle is shaded ?



b Draw the same box again.

This time shade or colour in $\frac{7}{12}$ of the shape.

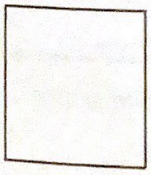
c Draw the same box again. This time shade or colour in $\frac{1}{6}$ of the shape.

(Hint : for every 6 equal parts shade in 1 part).

5. Trace or copy the following shapes.

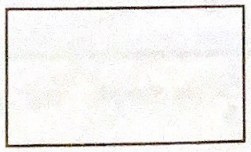
Neatly and carefully show how to colour in the fraction of the shape asked for in red.

a



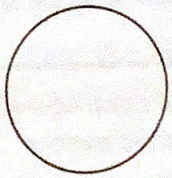
$\frac{3}{8}$

b



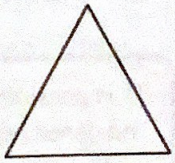
$\frac{7}{10}$

c



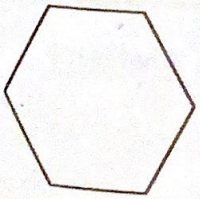
$\frac{5}{8}$

d



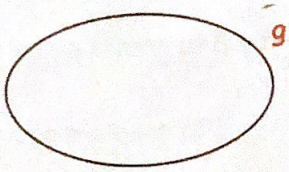
$\frac{2}{3}$

e



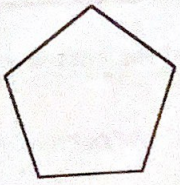
$\frac{5}{6}$

f



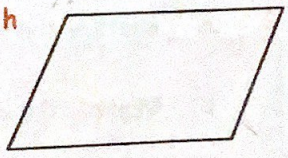
$\frac{3}{4}$

g



$\frac{2}{5}$

h



$\frac{1}{6}$