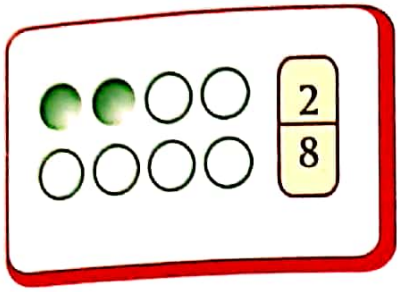
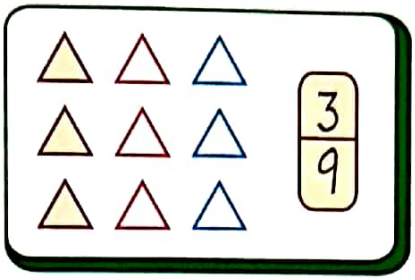
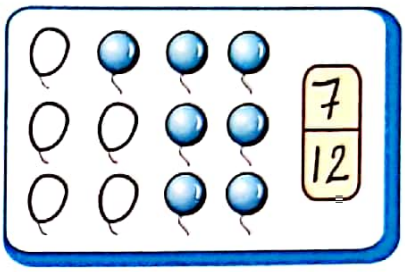
Activity-1

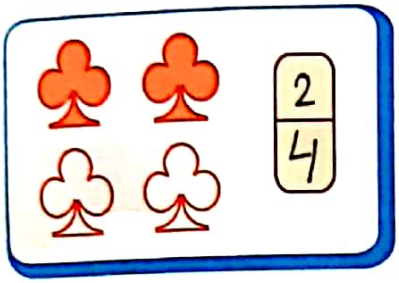
Do you remember .....

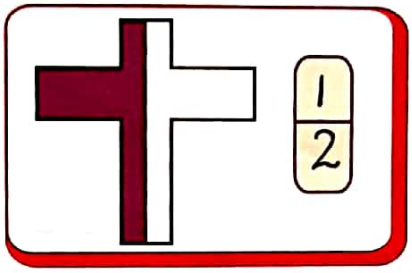
1. Write the fraction for the shaded part :

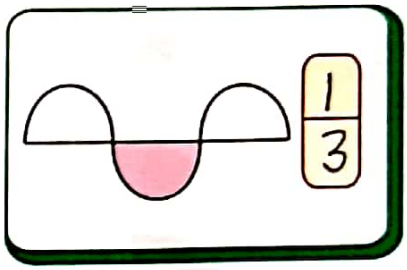


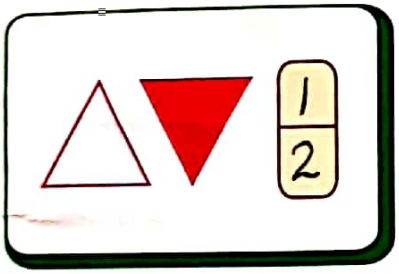


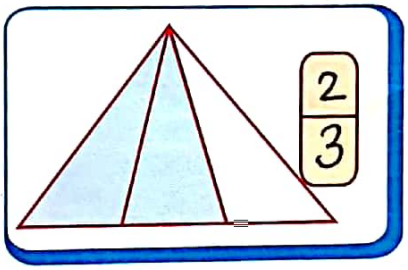


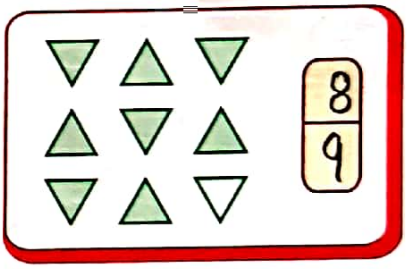




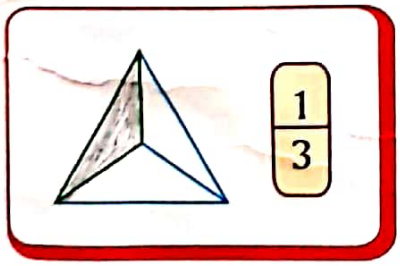


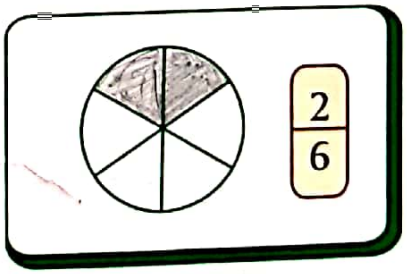


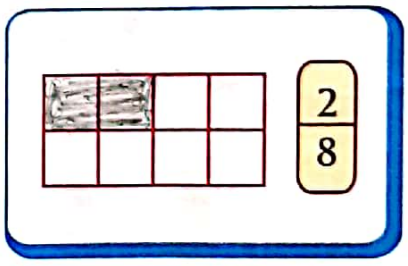


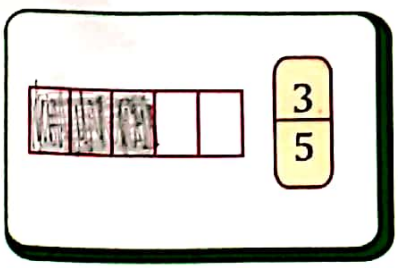


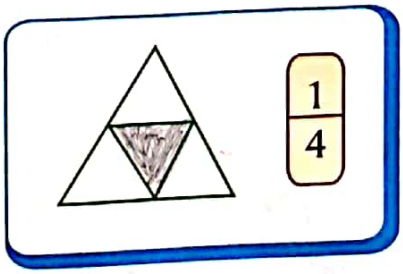
2. Shade for the given fractions :

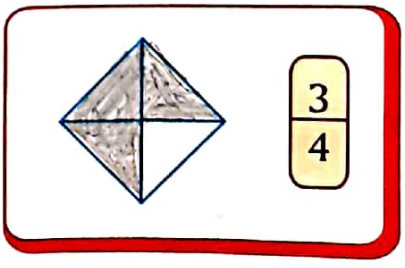








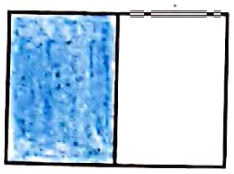


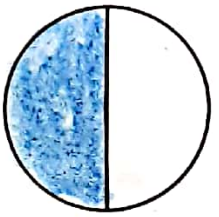


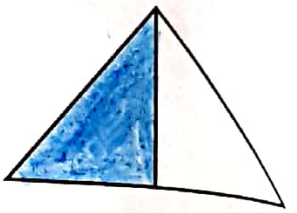
Activity-2

Summative Assessment Based On CCE — Skills / Aspects – Concept, Written work

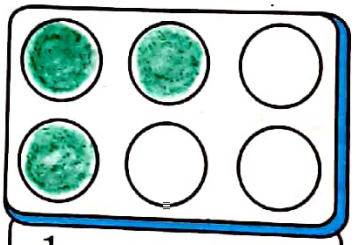
1. Colour one-half of the shapes :

(a) 

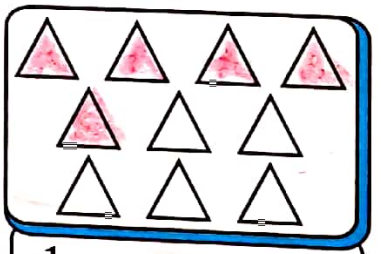
(b) 

(c) 

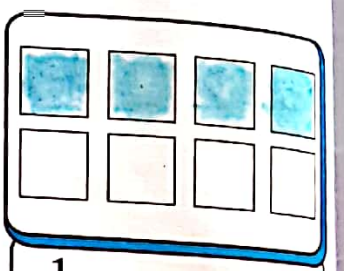
2. Colour one-half of the collection :

(a) 

$\frac{1}{2}$ of $6 = 6 \div 2 = 3$

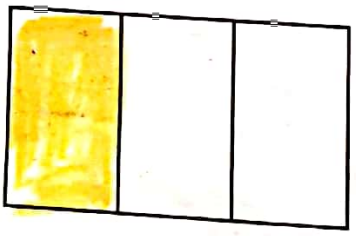
(b) 

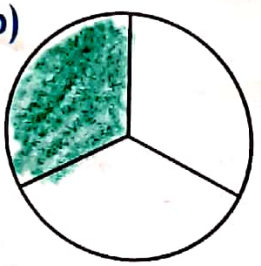
$\frac{1}{2}$ of $10 = 5$

(c) 

$\frac{1}{2}$ of $8 = 4$

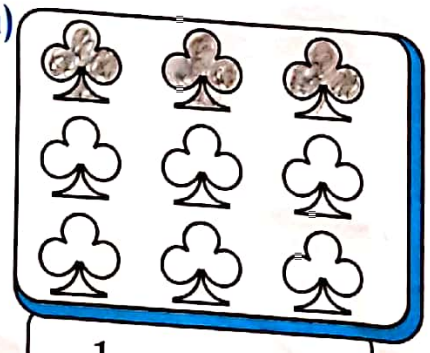
3. Colour one-third of the shapes :

(a) 

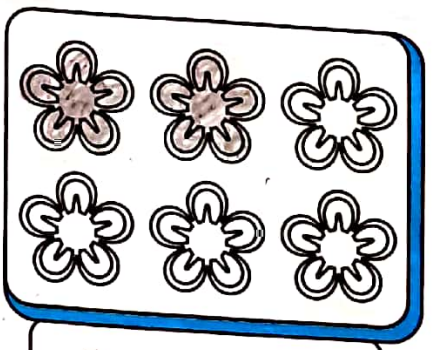
(b) 

(c) 

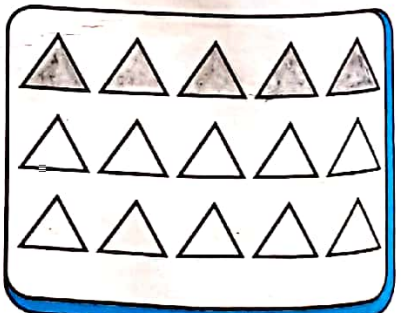
4. Colour one-third of the collection :

(a) 

$\frac{1}{3}$ of $9 = 3$

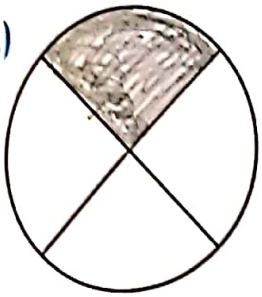
(b) 

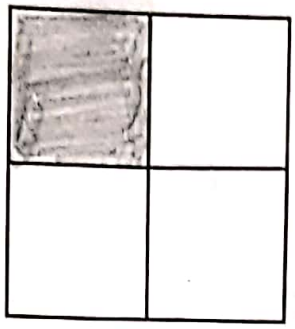
$\frac{1}{3}$ of $6 = 2$

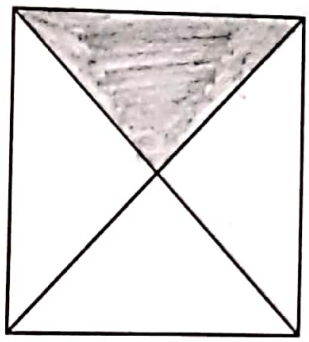
(c) 

$\frac{1}{3}$ of $15 = 5$

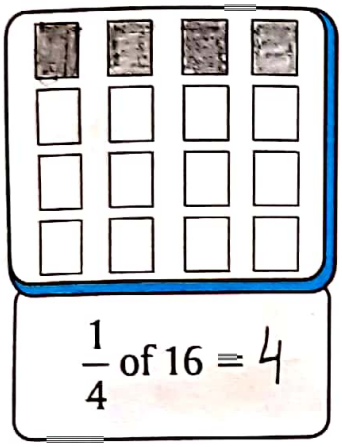
5. Colour one-fourth of the shapes :

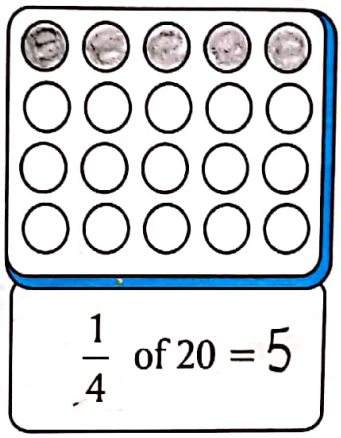
(a) 

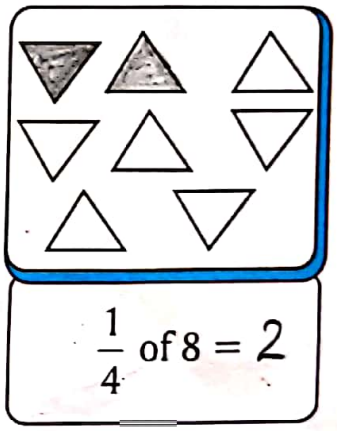
(b) 

(c) 

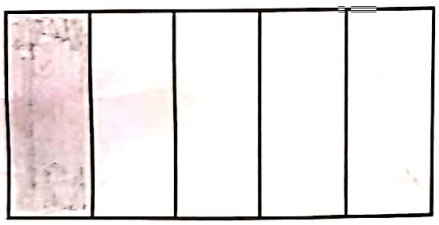
6. Colour one-fourth of the collection :

(a) 

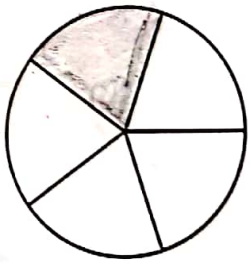
(b) 

(c) 

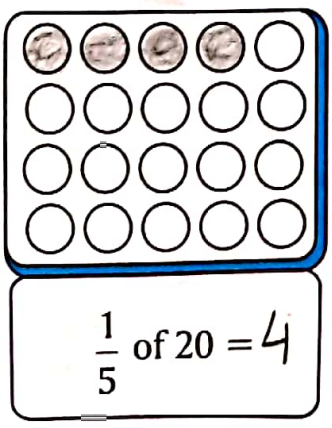
7. Colour one -fifth of the shapes :

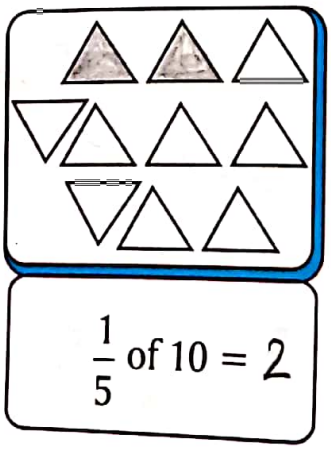
(a) 

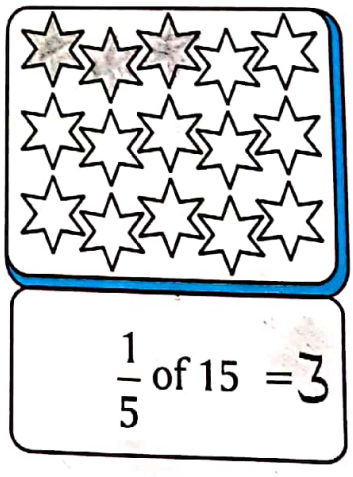
(b) 

(c) 

8. Colour one–fifth of the collection :

(a) 

(b) 

(c) 

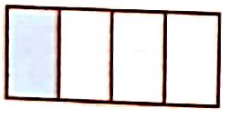
9. Complete the table :

(a)	$\frac{1}{2}$ of 24 = 24 ÷ 2 = 12	(f)	$\frac{1}{3}$ of 33 = 33 ÷ 3 = 11
(b)	$\frac{1}{2}$ of 40 = 40 ÷ 2 = 20	(g)	$\frac{1}{5}$ of 60 = 60 ÷ 5 = 12
(c)	$\frac{1}{2}$ of 36 = 36 ÷ 2 = 18	(h)	$\frac{1}{3}$ of 96 = 96 ÷ 3 = 32
(d)	$\frac{1}{3}$ of 48 = 48 ÷ 3 = 16	(i)	$\frac{1}{2}$ of 58 = 58 ÷ 2 = 2
(e)	$\frac{1}{5}$ of 45 = 45 ÷ 5 = 9	(j)	$\frac{1}{4}$ of 72 = 72 ÷ 4 = 18

Numerator and Denominator of a Fraction

1. A fraction is a part of a whole or a collection.

Look at the figure given below :



The shaded portion is $\frac{1}{4}$.

(a) The lower number 4 indicates the number of equal parts of a figure or collection it has been divided into. It is called the **denominator**.

Remember : The denominator can never be zero.

(b) The upper number 1 indicates the number of those equal parts used or referred to. It is called the **numerator**.

$$\frac{\text{Numerator}}{\text{Denominator}} = \frac{\text{Equal parts being referred to}}{\text{Total number of equal parts}}$$

2. Let us take some examples to understand :

(a) 

$$\text{Fraction} = \frac{\text{Shaded parts}}{\text{Total parts}} = \frac{\text{numerator}}{\text{denominator}} = \frac{2}{5}$$