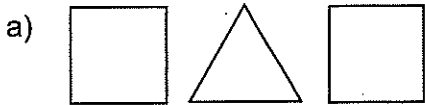


NS3-81: Equal Parts of a Set

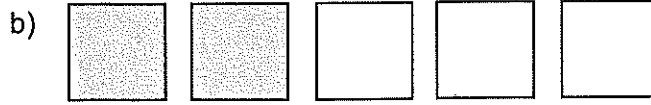
Fractions can name parts of a set: $\frac{2}{5}$ of the figures are circles, $\frac{2}{5}$ are triangles and $\frac{1}{5}$ are squares.



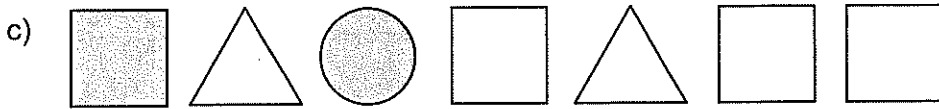
1. Fill in the blanks.



_____ of the figures are triangles.
 _____ of the figures are squares.

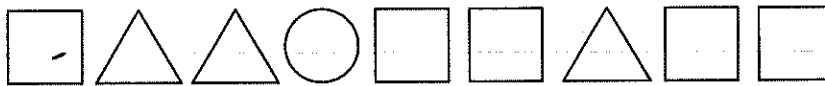


_____ of the figures are shaded.
 _____ of the figures are unshaded.



_____ of the figures are triangles.
 _____ of the figures are squares.
 _____ of the figures are shaded.
 _____ of the figures are unshaded.

2. Fill in the blanks.




$\frac{5}{9}$ of the figures are _____
 $\frac{3}{9}$ of the figures are _____
 $\frac{1}{9}$ of the figures are _____

3. Write at least 3 fraction statements for the picture:

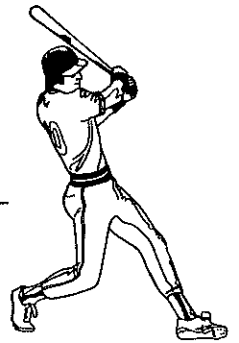


- i) _____
- ii) _____
- iii) _____

4.  Can you describe this picture in two different ways using the fraction $\frac{2}{5}$?

5. A baseball team wins 4 games and loses 2 games.

- a) How many games did the team play? _____
- b) What fraction of the games did the team win? _____
- c) Did the team win more than half its games? _____



6. A hockey team wins 6 games, loses 4 games and ties 1 game.
What fractions of the games did the team ...

- a) win? _____ b) lose? _____ c) tie? _____



7. Draw a picture to solve the puzzle.

There are 5 triangles and squares.

$\frac{2}{5}$ of the figures are shaded.

$\frac{3}{5}$ of the figures are triangles, the rest are squares.

One triangle is shaded.

8. There are 5 children: $\frac{2}{5}$ are boys and $\frac{3}{5}$ are girls.

- a) Draw a picture to show the girls and boys.
- b) Describe the picture. (How many boys are there and how many girls?)



9. Name a set of things in your classroom and describe some fraction of the set.