Basic Concept of Fraction

A. Choose the correct answer:

- 1. Which of the following shows one-half?
 - a) $\frac{1}{3}$ b) $\frac{1}{2}$ c) $\frac{1}{4}$ d) $\frac{2}{3}$
- 2. Which fraction represents three parts out of four?

a) $\frac{3}{2}$	b) 1 3
c) $\frac{3}{4}$	d) $\frac{4}{3}$

3. What is the denominator in the fraction 5/6?

a) 5	b) 6
c) 1	d) 11

- 4. A cake is divided into 8 equal parts. If you take 3 parts, what fraction of the cake do you have?
 - a) $\frac{3}{6}$ b) $\frac{3}{4}$ c) $\frac{3}{8}$ d) $\frac{5}{8}$
- 5. Which of these is not a proper fraction?

a) $\frac{1}{5}$	b) $\frac{3}{3}$
c) $\frac{2}{7}$	d) $\frac{5}{6}$

B. Write the Missing Terms to Complete the Sentences:

- 1. A fraction represents a part of a _____
- 2. In the fraction $\frac{4}{7}$, the number 7 is called the _____
- 3. $\frac{1}{2}$ of 10 is ____
- 4. A shape divided into 3 equal parts and one part shaded represents the fraction

- 5. The top number of a fraction is called the _____
- C. Mark each sentence with a True (✔) or False (X):
 - 1. $\frac{1}{2}$ and $\frac{2}{4}$ represent the same amount
 - 2. In the fraction $\frac{3}{5}$, 3 is the denominator
 - 3. A fraction must always have a numerator smaller than the denominator
 - 4. $\frac{4}{4}$ is equal to 1
 - 5. The more parts a whole is divided into, the smaller each part becomes _____

D. Figure out the answers to these questions:

- 1. Colour $\frac{2}{5}$ of the following 5 circles (draw on paper)
- 2. Write a fraction to show 6 out of 10 pencils are sharpened
- 3. Circle the fractions that are greater than $\frac{1}{2} = \frac{1}{4} \frac{3}{4} \frac{2}{3} \frac{1}{3}$
- 4. Draw a rectangle and divide it into 4 equal parts Shade 3 parts Write the fraction for the shaded part

E. Challenge yourself with these questions:

- 1. A bar of chocolate is divided into 8 equal pieces Ria eats 5 pieces Write a fraction to show how much chocolate she ate
- 2. Out of 12 balloons, 9 are red Write a fraction for red balloons
- 3. A rectangle is divided into 6 equal parts If 2 parts are shaded, what fraction is not shaded
- 4. Write a story problem using the fraction $\frac{2}{3}$
- 5. Divide a circle into 3 equal parts Shade one part What fraction of the circle is shaded