PODAR INTERNATIONAL SCHOOL
BHIWANDI (CBSE)

Name: _____ WKS NO : M3/T2/12

Subject: Math Class: III _____ Roll no.: _____ Date: _____ / _____ /_____

1. Tick (✓) the Correct Option

1. The number written below the fraction bar (–) is called the:

   i. Numerator ii. Denominator iii. Half iv. Whole

2. Which fraction shows one-half?

   i. 1/3 ii. 1/2 iii. 1/4 iv. 2/1

3. If a pizza is divided into 4 equal parts, each part is:

   i. 1/1 of the pizza ii. 1/2 of the pizza iii. 1/3 of the pizza iv. 1/4 of the pizza

4. Which of these fractions represents three equal parts of a whole?

   i. 3/1 ii. 1/4 iii. 1/3 iv. Cannot be determined

5. If you divide a chocolate bar into 4 equal pieces, each piece is called a:

   i. Half ii. Third iii. Quarter iv. Whole

6. To show 1/4 of a shape shaded, you must shade:

   i. Exactly half ii. No part iii. Three out of four equal parts iv. One out of four equal parts

7. Which fraction is the smallest?

   i. 1/1 ii. 1/2 iii. 1/3 iv. 1/4

8. Which is a correct division equation related to 4 × 9 = 36?

   i. 36 ÷ 4 = 8 ii. 36 ÷ 9 = 4 iii. 36 ÷ 3 = 12 iv. 36 ÷ 6 = 6

9. If a rectangle is divided into 3 equal parts and 2 parts are shaded, the fraction shaded is:

   i. 1/2 ii. 1/3 iii. 2/3 iv. 2/4

10. In the fraction 1/4, “1” stands for:

    i. The denominator ii. The total no. iii. The numerator (shaded parts) iv. The whole number

11. If you see a shape divided into four equal parts and three are shaded, the fraction shaded is:

    i. 1/4 ii. 3/4 iii. 1/2 iv. 4/4

2. Fill in the Blanks

1. The _____ is the top number in a fraction.
2. The _____ is the bottom number in a fraction.
3. One-half is written as _____.
4. One-third is written as _____.
5. One-fourth is also called one _____.
6. If a cake is cut into 4 equal parts, each part is _____ of the cake.

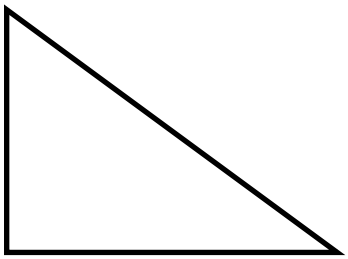
7. If a shape is divided into 2 equal parts, each part is called as one _____.
8. _____ parts make a whole when we talk about halves (i.e., how many halves?).
9. _____ quarters make a whole.
10. In the fraction 2/3, the numerator is _____.
11. In the fraction 2/3, the denominator is _____.
12. If 1 out of 4 parts is shaded, it can be written as _____.
13. If 3 out of 6 parts are shaded, the fraction is _____.
14. One-half means one part out of _____ equal parts.
15. One-third means one part out of _____ equal parts.
16. When we talk about fractions, the whole must be divided into _____ parts.

3. True or False

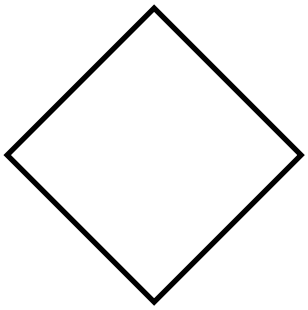
1. The denominator tells us how many equal parts the whole is divided into.
2. If a shape is not divided into equal parts, we cannot form a proper fraction.
3. 1/3 is larger than 1/2.
4. 2/3 means two parts out of three equal parts are selected or shaded.
5. Three quarters make a whole.
6. The fraction 4/4 equals one whole.
7. Fractions are always less than 1.
8. If 2 out of 4 equal parts are shaded, the fraction shaded is 2/4.

4. Do as Directed

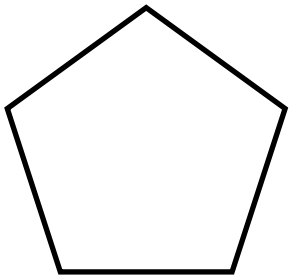
1. Divide the following shapes into equal parts and colour them to represent the given fractions:



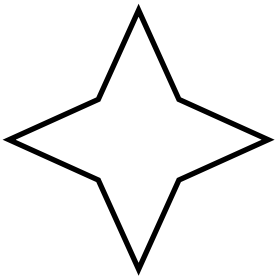
$\frac{1}{2}$



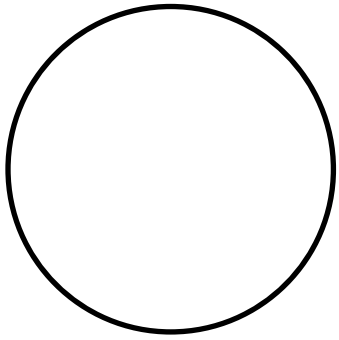
$\frac{1}{2}$



$\frac{1}{2}$

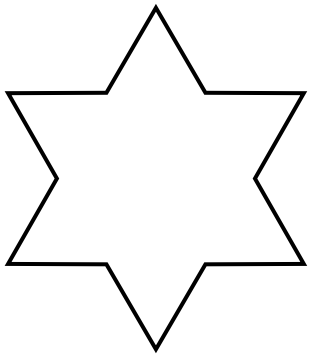


$\frac{1}{4}$



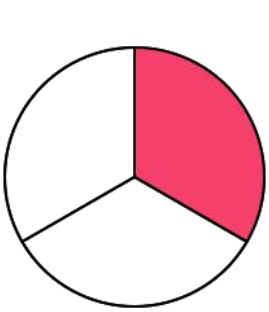
$\frac{1}{3}$

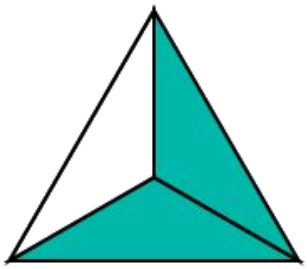
$\frac{1}{2}$

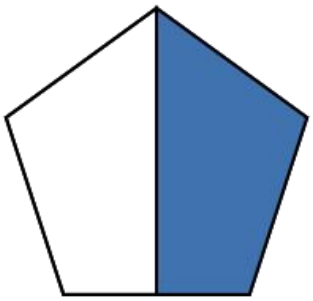


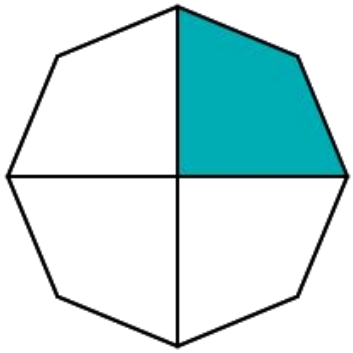
$\frac{1}{4}$

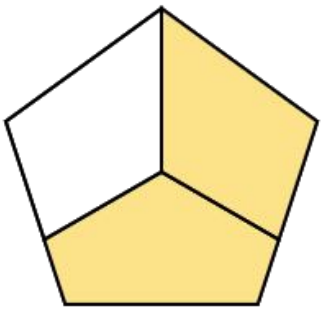
2. Observe the following figures and write the fraction of the shaded part.

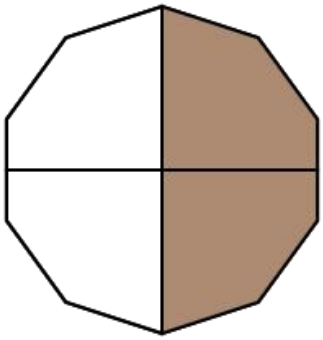


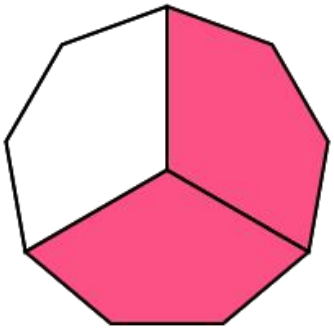


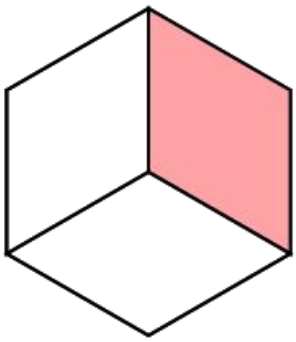










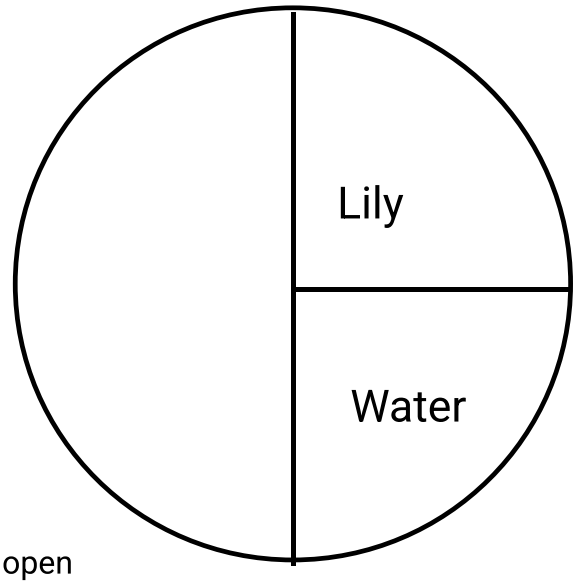


5. Story sums

1. Ria has a chocolate bar divided into 2 equal pieces. She eats 1 piece. What fraction of the chocolate did she eat?
2. Aman has a pizza cut into 4 equal slices. He eats 2 slices. What fraction of the pizza did he eat?
3. Mina has an apple cut into 2 equal halves. She eats 1 half. What fraction of the apple is left?
4. Kunal baked a cake and cut it into 3 equal parts. He gave away 1 part. What fraction of the cake did he give away?
5. Priya has a sandwich cut into 4 equal parts. She eats 1 part. What fraction of the sandwich is left?
6. A fruit seller divides a watermelon into 2 equal parts. One part is sold. What fraction of the watermelon is sold?
7. A garden is divided into 3 equal sections. One section grows roses, another grows tulips, and the third grows sunflowers. What fraction of the garden is for sunflowers?
8. Ravi has a candy bar divided into 4 equal pieces. He gives 3 pieces to his friends. What fraction of the candy bar did he give away?
9. A chocolate cake is divided into 3 equal slices. Raju eats all 3 slices. What fraction of the cake did he eat?
10. A fruit pie is divided into 3 equal parts. One part is apple flavor, the other two are cherry flavor. What fraction of the pie is cherry flavor?
11. Rohit’s pizza is divided into 4 equal slices. He eats all 4 slices. What fraction of the pizza did Rohit eat?
12. A big sandwich is cut into 3 equal parts. One part is cheese, one part is tomato, and one part is plain. What fraction is cheese?

6. Tickle Your Brain

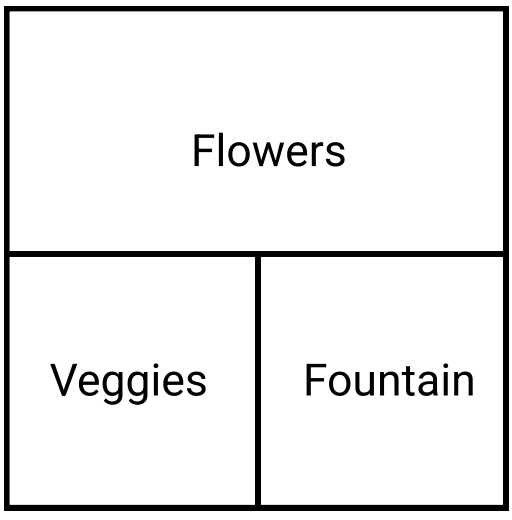
1. The Circular Pond
   a. Scenario: A circular pond is divided into 4 equal sections.
      - 2 sections have lotus plants.
      - 1 section has lily pads.
      - 1 section is open water.



Questions:

   a. What fraction of the pond has lotus plants?
   b. What fraction has lily pads?
   c. What fraction is open water?
   d. Do the lotus plants alone make up half the pond?
   e. Together, what fraction of the pond has lily pads and open water?

2. The Square Garden
   a. Scenario: A square garden is divided into 4 equal sections.
      - 2 sections grow flowers.
      - 1 section grows vegetables.
      - 1 section is for a small fountain.



Questions:

   a. What fraction of the garden grows flowers?
   b. What fraction grows vegetables?
   c. What fraction is the fountain?
   d. Does any part of the garden make up half of the total area?
   e. Together, what fraction of the garden is flowers and vegetables?