Topic: Fraction
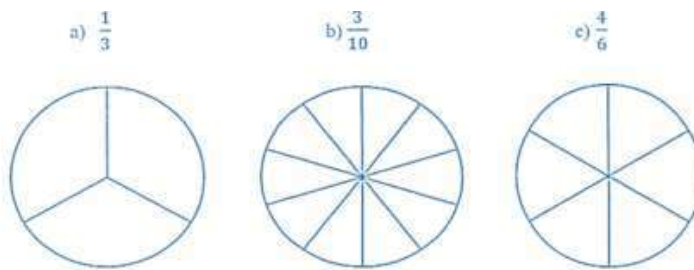
Grade 3
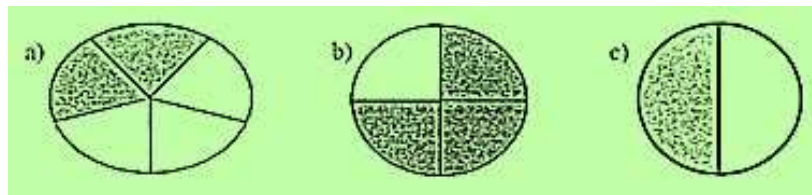
1. The arrow points to half of the first number. Complete these halving questions.

a) 17 ⟶ _____

b) 16 ⟶ _____

c) 14 ⟶ _____

d) 7 ⟶ _____

e) _____ ⟶ 14

f) _____ ⟶ $6\frac{1}{2}$

2. Colour each shape to show the fraction.
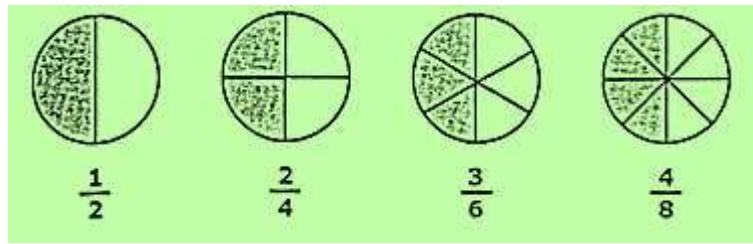
a) $\frac{1}{3}$ b) $\frac{3}{10}$ c) $\frac{4}{6}$

3. Look at each circle and complete the table.

	Fraction (for the shaded Parts)	Numerator	Denominator	Unitory or Non- Unitory
a.				
b.				
c.				

Equivalent Fractions:

Example:

$$\frac{1}{2} \qquad \frac{2}{4} \qquad \frac{3}{6} \qquad \frac{4}{8}$$

4. Aisha Maria and Sarah draw a circle.

Aisha divides it into two equal parts and colours one of them.

Maria divides into eight equal parts.

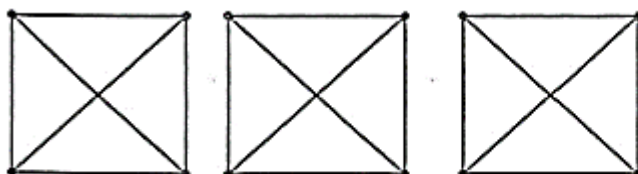Sarah divides it into ten equal parts.

How many parts should Maria and Sarah colour so that they colour the same as Aisha?

    a   Maria should colour _____ parts.
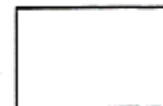   b   Sarah should colour _____ parts.

5. Colour $5\frac{3}{4}$ rectangles.

6. Colour nine quarters and then write the mixed fraction.

Mixed fraction:

7. Five students went on a trip to New York City.

   3 of them visited the Statue of Liberty.

   What fraction of the students visited the Statue of Liberty?

8. There are 8 pieces of paper on a table. 6 blew away.

   What fraction of the pieces of paper blew away?

9. Complete the table.

Number of whole tiles	Number of parts that the final tile is split into	Number of parts of the final tile that is decorated	Mixed fraction
5	8	6	
			$8\frac{3}{4}$
			$7\frac{3}{12}$

10. Use these digits to write three different fractions.

   Use each card once to complete the information.

   | 5 | | 8 | | 3 | | 7 | | 2 | | 1 |

   ☐ parts out of a total of ☐ parts = ☐

   ☐ parts out of a total of ☐ parts = ☐

   ☐ parts out of a total of ☐ parts = ☐

11. Circle the shape that is less than $\frac{1}{2}$ shaded.
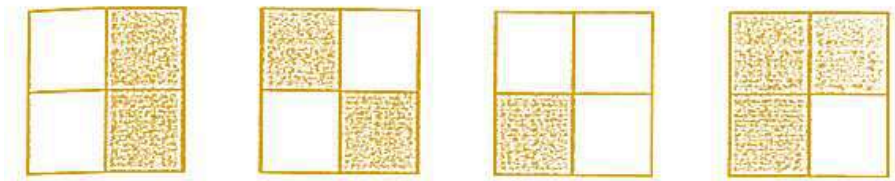
12. A receipe for spaghetti and meatballs calls for $\frac{1}{2}$ kilograms of ground beef. Circle the fractions that are equivalent to $\frac{1}{2}$.

$$\frac{5}{10} \qquad \frac{2}{6} \qquad \frac{1}{4} \qquad \frac{3}{6} \qquad \frac{6}{14}$$