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**Name:** **Subject: Mathematics**

**Class: 7th** **Date: Topic-15(fraction)**

## Let's Recall:

- Fraction is a number form, representing objects/portions of a whole.
- All the numbers can be written in the form of fraction.
- Fraction can be represented in a number line.

**1. Write the fraction number for shaded portion.**

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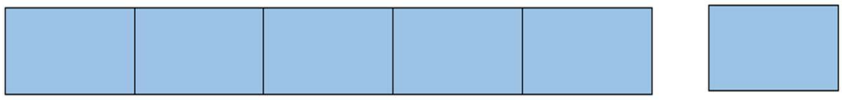
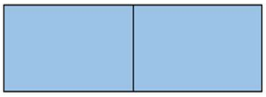
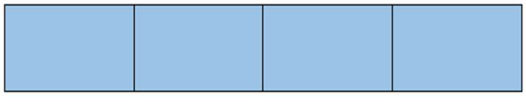
**2. Write the fraction number for shaded portion.**



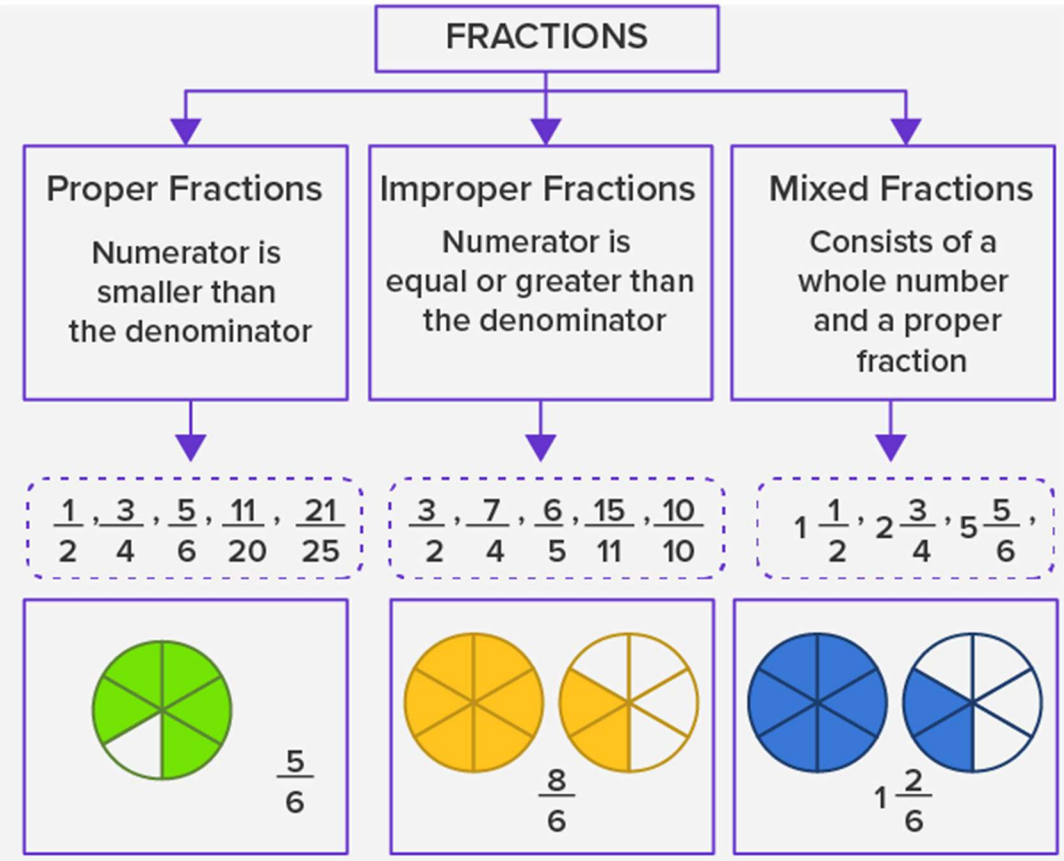






From the above part 1 and 2, we get two different types of fraction number

- In part 1 we can find fraction numbers, where *numerator is less than denominator*
- In part 2 we can find fraction numbers, where *numerator is greater than denominator*




**3. Look at the given set of fractions, what did you observe.**

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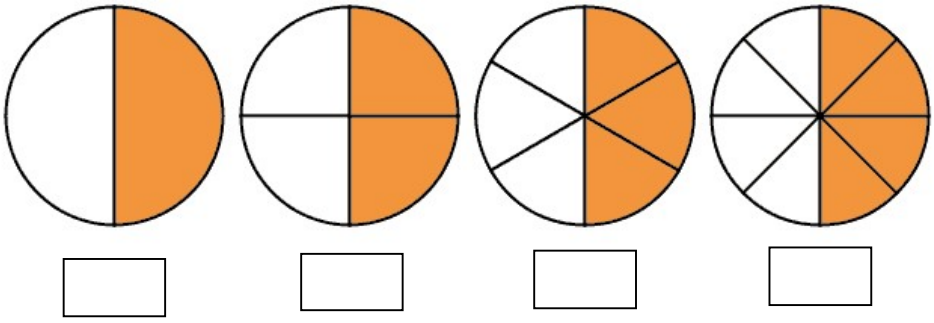
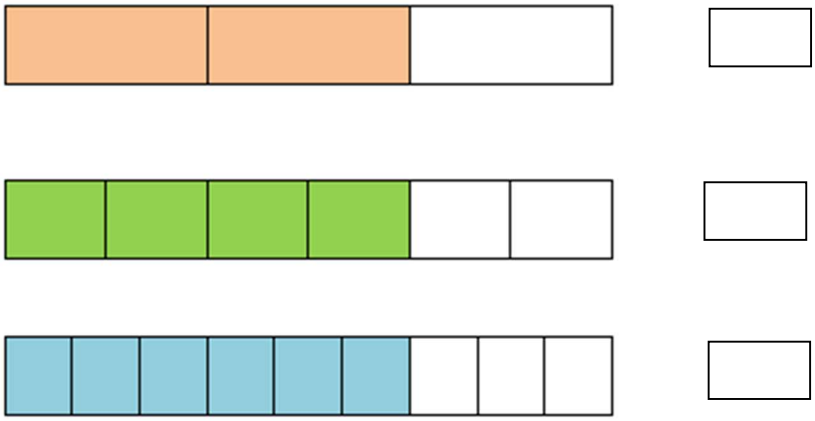
1. $\frac{2}{9}, \frac{7}{9}, \frac{3}{9}, \frac{4}{9}, \frac{1}{9}, \frac{6}{9}, \frac{5}{9}$
2. $\frac{3}{5}, \frac{1}{5}, \frac{4}{5}, \frac{2}{5}$
3. $\frac{2}{5}, \frac{3}{4}, \frac{1}{2}, \frac{3}{5}$
4. $\frac{3}{8}, \frac{3}{12}, \frac{3}{6}, \frac{3}{4}$
5. $\frac{4}{6}, \frac{3}{8}, \frac{6}{12}, \frac{5}{16}$

4. **Write fraction numbers for the shaded portion and answer the question given below.**

**A**



**B**



By looking at **A**, we can tell the ***same circle*** *is divided in 4 different ways*, similarly in **B** the ***same rectangle*** *is divided into 3 different forms*

| Shape | Shaded portion | Fraction used to represent the shaded portion | Value of the shaded |
|---|---|---|---|
| A | 1<br>2<br>3<br>4 | | |
| B | 1<br>2<br>3 | | |

Thought the *shaded portion of circle and rectangle* is represented by *different fraction numbers*, the *value of the shaded portion doesn't change.*

**Can you guess the below terms?**

- Like fraction
- Unlike fraction
- Equivalent fraction