

**BCM SCHOOL BASANT AVENUE, DUGRI**

**CLASS -VI**

**SUBJECT -MATHEMATICS (041)**

**ASSIGNMENT AUGUST (2023-2024)**

**CHAPTER -4(Basic geometrical ideas),7(Fractions)**

1. What is the largest chord of a circle called?  
(A) Radius (B) Diameter (C) Sector (D) Circumference
2. A curve which does not cross itself called  
(A) Open curve (B) Closed curve (C) Simple curve (D) Complex curve
3. If  $\frac{5}{8} = \frac{20}{?}$ , Then ? Is equal to  
(A) 23 (B) 12 (C) 32 (D) 16
4. Assertion (A) –  $\frac{1}{2}$  fraction of a day is 12 hours  
Reason (R) – a fraction is a number representing part of a whole.  
(a) Both A and R are true and R is the correct explanation of A  
(b) Both A and R are true but R is not the correct explanation of A  
(c) A is true but R is false  
(d) A is false but R is true

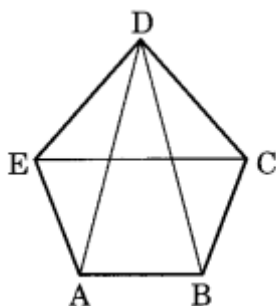
**CASE STUDY QUESTION:**

Simran and her brother decided to painted the wall space of their room . Simran painted  $\frac{2}{3}$  of the wall space in her room. Her brother Rahul helped and painted  $\frac{1}{5}$  of the wall space.

1. How much did they paint together?
2. What part of the whole space is left unpainted?
3. Who painted more and by how much?

**SUBJECTIVE QUESTIONS:**

1. Name all the line segments formed in given figure:



2. Find the difference between the greatest and the smallest fractions.  
 $\frac{6}{5}, \frac{7}{10}, 3\frac{1}{5}$ .
3. Martha spent  $\frac{4}{9}$  of her allowance on food and  $\frac{1}{3}$  on shopping. What fraction of her allowance had she left?