ASSIGNMENT 22

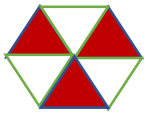
STD IV **MATHEMATICS**

CHAPTER 9 **FRACTIONS**

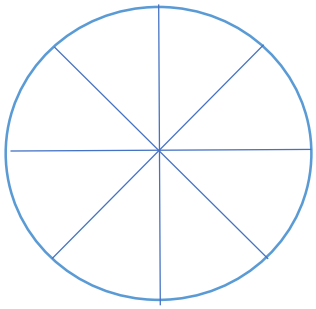
Do the following assignment in your Maths copy.

1. Write the fraction shown by the shaded part :

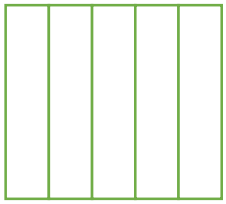
a)  - ___

b)  - ___

2. Shade the part of the fraction to show the given fraction :

a) 

$\frac{5}{8}$

b) 

$\frac{3}{5}$

3. Write the fractions :

Eg. Five sevenths - $\frac{5}{7}$

a) Three fourths

b) Two sixths

4. Write in words :

Eg. $\frac{1}{6}$ - One sixths

a) $\frac{2}{9}$ b) $\frac{7}{10}$

5. Write four equivalent fractions for each of the following fractions :

Eg. $\frac{4}{9}$

$\frac{4X2}{9X2}$, $\frac{4X3}{9X3}$, $\frac{4X4}{9X4}$, $\frac{4X5}{9X5}$

$\frac{8}{18}$, $\frac{12}{27}$, $\frac{16}{36}$, $\frac{20}{45}$

a) $\frac{6}{11}$ b) $\frac{7}{15}$

6. Fill in the boxes to make equivalent fractions :

Eg. $\frac{2}{5} = \frac{\square}{10}$

$\frac{2X2}{5X2} = \frac{4}{10}$

a) $\frac{3}{4} = \frac{\square}{20}$

b) $\frac{30}{54} = \frac{\square}{9}$

c) $\frac{6}{7} = \frac{24}{\square}$

7. Put the correct sign < , > or = :

a) $\frac{12}{41} \square \frac{3}{41}$

b) $\frac{6}{25} \square \frac{12}{25}$

c) $\frac{9}{16} \square \frac{9}{16}$

8. Arrange in ascending order :

Eg. $\frac{4}{18}, \frac{2}{18}, \frac{1}{18}, \frac{11}{18}$

Ans. $\frac{1}{18}, \frac{2}{18}, \frac{4}{18}, \frac{11}{18}$

a) $\frac{5}{13}, \frac{8}{13}, \frac{2}{13}, \frac{6}{13}$

b) $\frac{9}{25}, \frac{17}{25}, \frac{2}{25}, \frac{11}{25}$

9. Arrange in descending order :

Eg. $\frac{7}{12}, \frac{2}{12}, \frac{11}{12}, \frac{3}{12}$

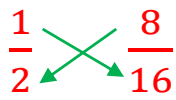
Ans. $\frac{11}{12}, \frac{7}{12}, \frac{3}{12}, \frac{2}{12}$

a) $\frac{23}{39}, \frac{16}{39}, \frac{32}{39}, \frac{26}{39}$

b) $\frac{9}{21}, \frac{8}{21}, \frac{17}{21}, \frac{6}{21}$

10. State whether the pairs of fractions are equivalent or not :

Eg. $\frac{1}{2}$, $\frac{8}{16}$

Ans. 

1 X 16 = 16

2 X 8 = 16

Since, the product is same.

∴ Fractions are equivalent.

a) $\frac{4}{9}$, $\frac{8}{18}$

b) $\frac{1}{5}$, $\frac{4}{19}$