



CHAPTER -5

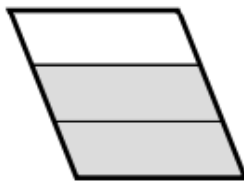
FRACTIONS

Name :

Date:.....

MCQ :

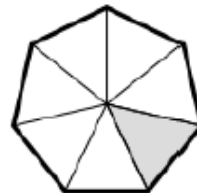
1. Compare the fraction and fill the correct symbol $<$, $>$ or equal in circle.



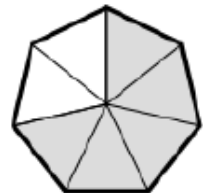
$$\frac{2}{3}$$



$$\frac{1}{3}$$



$$\frac{1}{7}$$



$$\frac{5}{7}$$

2. The standard form of the fraction $\frac{12}{16}$ is ;

- a) $\frac{1}{2}$ b) $\frac{6}{8}$ c) $\frac{3}{4}$ d) $\frac{1}{4}$

3) The fraction whose numerator is greater than the denominator is called, it is called:

- a) proper fraction b) improper fraction c) mixed fraction d) like fraction

4) The fraction whose denominator is greater than the numerator, it is called :

- a) proper fraction b) improper fraction c) mixed fraction d) like fraction

FILL IN THE BLANKS :

i) Fraction represents the part of a

ii) In $\frac{5}{9}$, the numerator is

iii) In $\frac{15}{19}$, the denominator is

iv) Two or more fractions which represent the same fraction are said to be

v) $\frac{5}{9}$ is fraction of $\frac{20}{36}$.

2) Write **TRUE/FALSE**

a) $\frac{6}{8}$ is an improper fraction .

b) $4\frac{1}{2}$ is a mixed fraction.

c) The value of a proper fraction is less than 1.

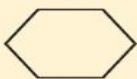


d) The value of an improper fraction is less than 1.

3) **MATCH THE FOLLOWING:**


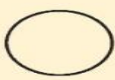

SECTION A	SECTION B
a) $\frac{3}{4}$ is a	i) 1
b) The value of an improper fraction is	ii) 36
c) $\frac{3}{4} + \frac{1}{4} =$	iii) more than 1
d) $\frac{3}{4}$ of 48 is	iv) proper fraction

ANSWER THE FOLLOWING :


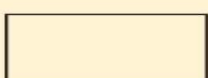
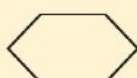
1. Colour $\frac{1}{2}$ of the figures.

a.  b.  c. 

2. Colour $\frac{1}{4}$ of the figures.

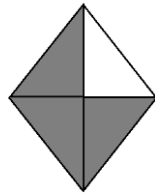
a.  b.  c. 

3. Colour $\frac{3}{4}$ of the figures.

a.  b.  c. 

4) There are 24 hours in a day and we should sleep for $\frac{3}{8}$ of the day. How much time should we sleep?

5) Write the fraction for given shape is shaded or not shaded:



Shaded =

Not shaded =

6) Compare the fractions and put $<$, $>$ or $=$ in between them.:

a) $\frac{8}{11}$ $\frac{9}{13}$

b) $\frac{5}{12}$ $\frac{8}{18}$

7) Reduce the following fractions to its lowest terms:

i) $\frac{18}{24}$

ii) $\frac{42}{63}$

8) Check whether the following pairs of fractions are equivalent or not

i) $\frac{2}{10}$ & $\frac{1}{5}$ ii) $\frac{2}{7}$ & $\frac{7}{8}$

9) Convert the following fractions into mixed fractions;

a) $\frac{48}{9}$

b) $\frac{73}{7}$

10) Convert the following mixed fractions into improper fractions;

a) $5\frac{3}{9}$

b) $9\frac{4}{5}$

11) Find whether the following fractions are equivalent or not.

a) $\frac{2}{5}$, $\frac{14}{35}$ b) $\frac{5}{10}$, $\frac{9}{18}$

12) Arrange the following fractions in descending order ;

i) $\frac{1}{3}$, $\frac{3}{5}$, $\frac{2}{15}$ ii) $\frac{1}{6}$, $\frac{4}{12}$, $\frac{2}{3}$, $\frac{4}{8}$

13) Add the following fractions:

a) $\frac{2}{5} + \frac{5}{6}$ b) $\frac{4}{5} + \frac{5}{6}$ c) $3\frac{2}{7} + 2\frac{3}{5}$

14) Subtract ,

a) $\frac{7}{10} - \frac{5}{6}$ b) $\frac{5}{6} - \frac{7}{15}$ c) $8\frac{2}{5} - 7\frac{2}{11}$

15) Find the product. Reduce the answers to the lowest terms.

a) $24 \times \frac{8}{3}$ b) $\frac{1}{2} \times \frac{8}{5}$ c) $2\frac{1}{2} \times 1\frac{3}{5}$ d) $1\frac{2}{3} \times 2\frac{1}{8}$

16) Divide:

a) $3 \div \frac{1}{6}$ b) $\frac{3}{8} \div \frac{8}{5}$ c) $\frac{11}{10} \div \frac{11}{7}$ d) $\frac{12}{15} \div \frac{1}{5}$

17) Find: a) $\frac{3}{8}$ of 24 b) $\frac{3}{4}$ of 360 mangoes c) $\frac{3}{8}$ of 240 ml

18) Convert the given fractions to decimals :

a) $\frac{6}{10} = \dots\dots\dots$ b) $\frac{57}{100} = \dots\dots\dots$

19) Rajesh completed $\frac{1}{2}$ of a work . Paul completed $\frac{1}{4}$ of the work next day. What fraction of the work is completed by both Rajesh and Paul?

20) Of the 185 children in a class, $\frac{4}{5}$ went trekking. How many children did not go trekking?