

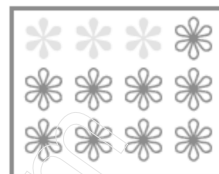
CBSE Worksheet-30
CLASS – VI Mathematics (Fractions)

Choose correct option in questions 1 to 5.

1. Write the fraction representing the shaded portion.

a. $\frac{1}{4}$
c. $\frac{5}{12}$

b. $\frac{1}{3}$
d. $\frac{1}{2}$



2. $\frac{17}{101}$ — $\frac{12}{101}$

a. $<$
c. $=$

b. $>$
d. none of these

3. $\frac{5}{7}$ — $\frac{5}{12}$

a. $=$
c. $>$

b. $<$
d. none of these

4. Express as improper fraction $7\frac{2}{3}$.

a. $\frac{21}{2}$
c. $\frac{3}{23}$

b. $\frac{21}{3}$
d. $\frac{23}{3}$

5. Express as mixed fraction $\frac{31}{6}$.

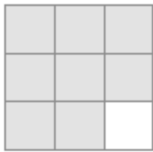
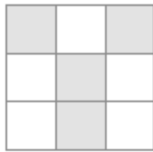
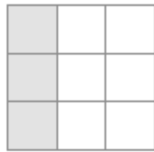
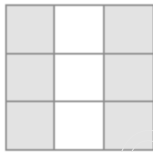
a. $5\frac{1}{6}$
c. $5\frac{5}{6}$

b. $6\frac{1}{6}$
d. $6\frac{5}{6}$

Fill in the blanks:

6. $\frac{1}{5} + \frac{1}{5} + \frac{1}{5} = \underline{\hspace{2cm}}$

7. A _____ fraction has a combination of a whole and a part.

8. $1\frac{1}{4} + 2\frac{1}{4} = \underline{\hspace{2cm}}$ The simplest form of $\frac{15}{75}$ is $\underline{\hspace{2cm}}$.
9. A fraction is said to be in the $\underline{\hspace{2cm}}$ if its numerator and the denominator have no common factor except 1.
10. Find the equivalent fraction of $\frac{3}{5}$ having
- denominator 20
 - numerator 9
11. Write shaded portion as fraction. Arrange them in ascending order using correct sign '<', '=', '>' between the fractions:
- 



12. In a class A of 25 students, 20 passed in first class; in another class B of 30 students, 24 passed in first class. In which class was a greater fraction of students getting first class?

Answer key:

1. a
2. b
3. c
4. d
5. a
6. $\frac{3}{5}$
7. mixed
8. $3\frac{1}{2}$
9. simplest form

10. a. $\frac{12}{20}$
b. $\frac{9}{15}$

11. $\frac{8}{9}, \frac{4}{9}, \frac{3}{9}, \frac{6}{9}$

Ascending order: $\frac{3}{9} < \frac{4}{9} < \frac{6}{9} < \frac{8}{9}$

12. $A = \frac{20}{25} = \frac{4}{5}$
 $B = \frac{24}{30} = \frac{4}{5}$

Both class get equal fraction.