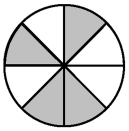
Atomic Energy Central School 5, Mumbai.

Class : VI Subject: Mathematics

WORKSHEET

Name of the chapter: Fractions.

1. Write the fraction representing the shaded region in the below left figure



a) $\frac{2}{8}$ b) $\frac{1}{2}$ c) $\frac{4}{4}$ d) $\frac{5}{8}$

2. Write the fraction representing the shaded region in the below left figure

a) $\frac{1}{2}$ b) $\frac{4}{8}$ c) $\frac{3}{7}$ d) $\frac{4}{7}$

3. What fraction of a day is 12 hours?

4. What fraction of an hour is 20 minutes?

5. Give a proper fraction :

(i) whose numerator is 5 and denominator is 7.
(ii) whose denominator is 9 and numerator is 5.
(iii) whose numerator and denominator add up to 10. How many fractions of this kind can you make?
(iv)whose denominator is 4 more than the numerator

6. A fraction is given. How will you decide, by just looking at it, whether, the fraction is

(a) less than 1? (b) equal to 1?

7. Show $\frac{3}{5}$ on a number line

8. Mohan was given $\frac{3}{8}$ of a basket of oranges. What fraction of oranges was left in the basket?

9. Express the following as mixed fractions:

a) $\frac{27}{5}$ b) $\frac{17}{4}$ c) $\frac{11}{3}$ d) $\frac{33}{8}$

10. Express the following mixed fractions as improper fractions:

a) $2\frac{7}{5}$ b) $6\frac{2}{5}$ c) $7\frac{3}{4}$ d) $10\frac{3}{5}$

11. Find five equivalent fractions of each of the following

a) $\frac{5}{9}$ b) $\frac{2}{7}$ c) $\frac{3}{8}$ d) $\frac{12}{36}$

12. Reduce the following fractions to simplest form

a) $\frac{48}{60}$ b) $\frac{12}{52}$ c) $\frac{60}{56}$

13 The food we eat remains in the stomach for a maximum of 4 hours. For what fraction of a day, does it remain there?

14. Solve

a) $\frac{2}{3}+\frac{1}{7}$ b) $\frac{3}{4}+\frac{1}{3}$ c) $\frac{1}{2}+\frac{1}{3}+\frac{1}{6}$ d) $\frac{16}{5}-\frac{4}{3}$

e) $4\frac{2}{3}-2\frac{1}{3}$ f) $4\frac{2}{3}+3\frac{1}{4}$

15. Subtract $\frac{1}{6}$ from $\frac{1}{2}$

16.Subtract $1\frac{1}{4}$ from $6\frac{1}{2}$

17. Arrange the given fractions in ascending order

$\frac{1}{8}, \frac{12}{8}, \frac{8}{8}, \frac{4}{8}, \frac{7}{8}, \frac{6}{8}$

18. Arrange the given fractions in descending order

$\frac{2}{3}, \quad \frac{3}{4}, \quad \frac{1}{2}, \quad \frac{5}{6},$

19. Compare $\frac{4}{5}$ and $\frac{3}{4}$

20. Find equivalent fractions for the given pairs of fractions such that the fractional units are the same.

a) $\frac{7}{2}$ and $\frac{3}{5}$ b) $\frac{6}{7}$ and $\frac{8}{5}$