

# Class 7 Fractions Worksheet

1. Find the sum :

a)  $\frac{5}{8} + \frac{3}{10}$

b)  $\frac{37}{41} + \frac{19}{30}$

c)  $2\left(\frac{1}{2}\right) + 4\left(\frac{7}{10}\right) + 2\left(\frac{4}{15}\right)$

2. What should be added to  $5\left(\frac{3}{7}\right)$  to get 12?

3. Find the area of a rectangular park which is  $41\left(\frac{2}{3}\right)$  m long and  $18\left(\frac{1}{2}\right)$  m broad.

4. Each side of a square is  $6\left(\frac{2}{3}\right)$  m long. Find its area.

5. Divide :

a)  $\frac{9}{16}$  by 6

b) 10 by  $\frac{100}{3}$

6. Simplify:

a)  $\frac{3}{10} \div \frac{10}{3}$

b)  $4 \div 2\left(\frac{1}{2}\right)$

7. By what number should  $1\left(\frac{3}{4}\right)$  be divided to get  $2\left(\frac{1}{2}\right)$ ?

8. Sameera purchased  $3\left(\frac{1}{2}\right)$  kg apples and  $4\left(\frac{3}{4}\right)$  kg oranges. What is the total weight of fruits purchased by her?

9. Find :  $\frac{1}{2}$  of 24 and  $\frac{4}{6}$

10. Which is greater :

a)  $\frac{2}{7}$  of  $\frac{3}{4}$  or  $\frac{3}{4}$  of  $\frac{5}{8}$ ,

b) 0.8 or 0.88

11. Find:  $3\left(\frac{1}{2}\right) \div 1\left(\frac{2}{3}\right)$

12. How much less is 28 km than 42.6 km?

13. Find:

a)  $101.01 \times 0.01$

b)  $11.2 \times 0.15$

14. By what number should  $6\frac{2}{9}$  be multiplied to get 40?

15. Which of the following is a vulgar fraction:

$\frac{7}{10}$ ,  $\frac{19}{100}$ ,  $3\frac{3}{10}$ ,  $\frac{5}{8}$

16. Fill in the blanks: reciprocal of  $8\%$  = \_\_\_\_\_.

17. A car runs 9 km using 1 litre of petrol. How much distance will it cover in  $3\frac{2}{3}$  litres of petrol?

18. Multiply:  $17.11 \times 10.01$

19. How much more is 78.8 litres than 36.6 litres.

20. Find:  $7\frac{1}{6} \div 4\frac{2}{3}$ .