

## Class 7 Fractions Worksheet

1. Find the sum:

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

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

c)  $2\left(\frac{3}{5}\right) + 4\left(\frac{7}{10}\right) + 2\left(\frac{4}{15}\right)$

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

3. Find a rectangular park area, which is  $41\left(\frac{2}{3}\right)$  m long and  $18\left(\frac{3}{5}\right)$  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)  $4 \div 2\left(\frac{2}{5}\right)$

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  $\frac{3}{5}$  of  $\frac{5}{8}$ ,

b) 0.8 or 0.88

11. Find  $3\left(\frac{1}{5}\right) \div 1\left(\frac{2}{3}\right)$ .

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  $6\left(\frac{2}{9}\right)$  be multiplied to get 40?

15. Which of the following is a vulgar fraction:

**$7/10$ ,  $19/100$ ,  $3(3/10)$ ,  $5/8$**

16. Fill in the blanks: reciprocal of  $8(\frac{2}{5}) = \underline{\hspace{2cm}}$ .

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  $7(\frac{1}{5}) \div 4(\frac{2}{3})$ .

