EduSahara™ Worksheet

Name : Chapter Based Worksheet

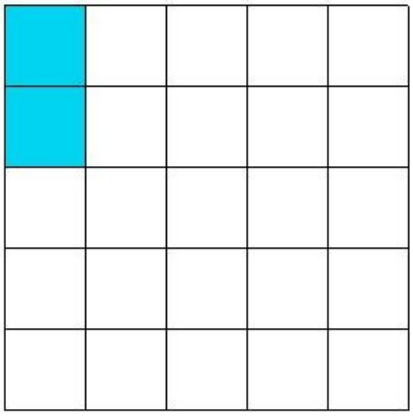
Chapter : Fractions

Grade : ICSE Grade VI

1. Find the missing value in $\frac{6}{15} + \_\_\_\_\_ = \frac{8}{15}$

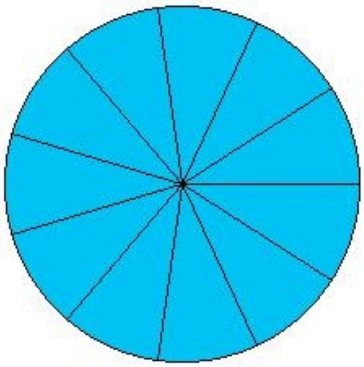
   (i) $\frac{2}{17}$ (ii) $\frac{2}{15}$ (iii) 0 (iv) $\frac{4}{15}$ (v) $\frac{2}{13}$

2. What fraction of the figure is shaded?



   (i) $\frac{4}{25}$ (ii) $\frac{2}{27}$ (iii) $\frac{2}{23}$ (iv) $\frac{2}{25}$ (v) 0

3. What fraction of the figure is shaded?



   (i) 1 (ii) $\frac{9}{11}$ (iii) $\frac{13}{11}$ (iv) $\frac{11}{9}$ (v) $\frac{11}{13}$

4. $8\frac{3}{5} - 5\frac{3}{8} =$

   (i) $3\frac{9}{40}$ (ii) $5\frac{9}{40}$ (iii) $1\frac{9}{40}$ (iv) $2\frac{9}{40}$ (v) $4\frac{9}{40}$

5. Which of the following is true?

   (i) $\frac{27}{11} < \frac{39}{28}$ (ii) $\frac{19}{11} > \frac{35}{18}$ (iii) $\frac{37}{21} > \frac{15}{13}$ (iv) $\frac{26}{19} > \frac{13}{8}$ (v) $\frac{39}{37} > \frac{11}{10}$

6. $\frac{139}{7} - 18 =$ _____

(i) $\frac{13}{5}$ (ii) $\frac{13}{7}$ (iii) $\frac{15}{7}$ (iv) $\frac{11}{7}$ (v) $\frac{13}{9}$

7. $\frac{4}{7}$ of 161 is

(i) 77 (ii) 107 (iii) 102 (iv) 82 (v) 92

8. The simplest form of the fraction $\frac{20}{280}$ is

(i) $\frac{3}{14}$ (ii) $\frac{1}{14}$ (iii) $(\frac{-1}{14})$ (iv) $\frac{1}{12}$ (v) $\frac{1}{16}$

9. $20 + \frac{5}{7} =$ _____

(i) 29 (ii) $\frac{145}{7}$ (iii) 21 (iv) $\frac{143}{7}$ (v) $\frac{145}{9}$

10. Find the equivalent fraction of $\frac{2}{3}$ with numerator 20

(i) $\frac{20}{12}$ (ii) $\frac{20}{9}$ (iii) $\frac{20}{18}$ (iv) $\frac{20}{15}$ (v) $\frac{20}{30}$

11. $3 - \frac{10}{9} =$ _____

(i) $\frac{19}{9}$ (ii) $\frac{17}{11}$ (iii) $\frac{5}{3}$ (iv) $\frac{17}{9}$ (v) $\frac{17}{7}$

12. Find the missing value in $13\frac{3}{5} \div$ _____ $= 1\frac{143}{265}$

(i) $8\frac{5}{8}$ (ii) $9\frac{1}{6}$ (iii) $9\frac{1}{4}$ (iv) $8\frac{5}{6}$ (v) $8\frac{1}{2}$

13. Find the value of

$[30 \div [357\frac{3}{16} \div (\{(6 + \frac{19}{4}) \times \frac{25}{4}\} + \frac{17}{4})]]$

(i) 7 (ii) 6 (iii) 9 (iv) 5 (v) 4

14. The like fraction of $\frac{7}{19}$ is

(i) $\frac{17}{19}$ (ii) $\frac{17}{21}$ (iii) $\frac{17}{18}$ (iv) $\frac{17}{22}$ (v) $\frac{17}{20}$

15. Find the missing value in $\frac{3}{11} \div$ _____ $= \frac{12}{11}$

(i) $\frac{1}{4}$ (ii) $\frac{1}{2}$ (iii) $\frac{3}{4}$ (iv) $(\frac{-1}{4})$ (v) $\frac{1}{6}$

16. $7 \div 11\frac{2}{3} =$ _____

(i) $\frac{3}{5}$ (ii) $\frac{1}{5}$ (iii) 1 (iv) $\frac{3}{7}$

17. $16 - 4\frac{8}{11} =$ _____

(i) $\frac{124}{9}$ (ii) $\frac{122}{11}$ (iii) $\frac{124}{13}$ (iv) $\frac{124}{11}$ (v) $\frac{126}{11}$

18. Which of the following pairs are unlike fractions?

(i) $\frac{5}{16}, \frac{12}{16}$ (ii) $\frac{6}{20}, \frac{8}{20}$ (iii) $\frac{2}{9}, \frac{8}{9}$ (iv) $\frac{9}{16}, \frac{16}{25}$ (v) $\frac{2}{4}, \frac{1}{4}$

19. The ascending order of $\frac{1}{4}, \frac{2}{8}, \frac{5}{8}, \frac{2}{3}, \frac{1}{9}, \frac{1}{3}$ is

(i) $\frac{1}{4}, \frac{1}{9}, \frac{1}{3}, \frac{2}{8}, \frac{5}{8}, \frac{2}{3}$ (ii) $\frac{1}{3}, \frac{5}{8}, \frac{1}{4}, \frac{2}{3}, \frac{1}{9}, \frac{2}{8}$ (iii) $\frac{1}{4}, \frac{1}{9}, \frac{2}{8}, \frac{2}{3}, \frac{1}{3}, \frac{5}{8}$ (iv) $\frac{2}{3}, \frac{1}{4}, \frac{2}{8}, \frac{5}{8}, \frac{1}{9}, \frac{1}{3}$

(v) $\frac{1}{9}, \frac{2}{8}, \frac{1}{4}, \frac{1}{3}, \frac{5}{8}, \frac{2}{3}$

20. Convert $\frac{15}{8}$ to mixed fraction

(i) $1\frac{1}{2}$ (ii) $1\frac{7}{8}$ (iii) $2\frac{1}{8}$ (iv) $1\frac{5}{8}$ (v) $2\frac{1}{2}$

21. $\frac{1}{9}$ of _____ is 5

(i) 60 (ii) 45 (iii) 35 (iv) 55 (v) 30

22. The unlike fraction of $\frac{13}{16}$ is

(i) $\frac{8}{11}$ (ii) $\frac{15}{16}$ (iii) $\frac{18}{16}$ (iv) $\frac{19}{16}$ (v) $\frac{17}{16}$

23. Find the missing value in $9\frac{3}{5} \times$ _____ $= 190\frac{22}{35}$

(i) $20\frac{1}{5}$ (ii) $20\frac{1}{7}$ (iii) $19\frac{2}{3}$ (iv) $19\frac{4}{7}$ (v) $19\frac{6}{7}$

24. $15 \times 7\frac{6}{7} =$ _____

(i) $\frac{823}{7}$ (ii) 165 (iii) $\frac{275}{3}$ (iv) $\frac{825}{7}$ (v) $\frac{827}{7}$

25. Which of the following is true?

(i) $\frac{8}{19} > \frac{4}{7}$ (ii) $\frac{1}{9} > \frac{13}{17}$ (iii) $\frac{3}{13} < \frac{2}{5}$ (iv) $\frac{2}{3} < \frac{1}{2}$ (v) $\frac{1}{17} > \frac{1}{4}$

Assignment Key

1) (ii)	2) (iv)	3) (i)	4) (i)	5) (iii)	6) (ii)
7) (v)	8) (ii)	9) (ii)	10) (v)	11) (iv)	12) (iv)
13) (ii)	14) (i)	15) (i)	16) (i)	17) (iv)	18) (iv)
19) (v)	20) (ii)	21) (ii)	22) (i)	23) (v)	24) (iv)
25) (iii)					