EduSahara™ Worksheet

Name : Chapter Based Worksheet

Chapter : Fractions

Grade : ICSE Grade VI

1. Which of the following is a unit fraction?

   (i) $\frac{1}{8}$ (ii) $\frac{19}{11}$ (iii) $18\frac{1}{6}$ (iv) $18\frac{4}{7}$ (v) $\frac{8}{17}$

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

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

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

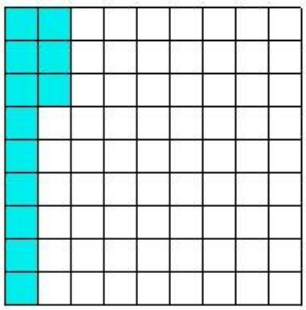
3. Convert $\frac{17}{8}$ to mixed fraction

   (i) $2\frac{3}{8}$ (ii) $1\frac{7}{8}$ (iii) $2\frac{5}{6}$ (iv) $1\frac{7}{10}$ (v) $2\frac{1}{8}$

4. Find the equivalent fraction of $\frac{15}{7}$ with numerator 45

   (i) $\frac{45}{35}$ (ii) $\frac{45}{28}$ (iii) $\frac{45}{42}$ (iv) $\frac{45}{49}$ (v) $\frac{45}{21}$

5. What fraction of the figure is shaded?



   (i) $\frac{12}{79}$ (ii) $\frac{14}{81}$ (iii) $\frac{10}{81}$ (iv) $\frac{4}{27}$ (v) $\frac{12}{83}$

6. Find the equivalent fraction of $\frac{9}{13}$ with denominator 117

   (i) $\frac{81}{117}$ (ii) $\frac{36}{117}$ (iii) $\frac{54}{117}$ (iv) $\frac{27}{117}$ (v) $\frac{45}{117}$

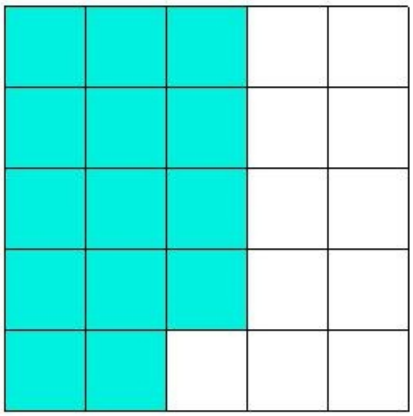
7. Find the missing value in $\frac{13}{7} \times \_\_\_\_ = \frac{117}{49}$

   (i) $\frac{11}{7}$ (ii) 1 (iii) $\frac{9}{5}$ (iv) $\frac{9}{7}$

8. $12 \div \frac{1}{2} =$ _____

(i) 25 (ii) 24 (iii) 22 (iv) 23 (v) 27

9. What fraction of the figure is shaded?

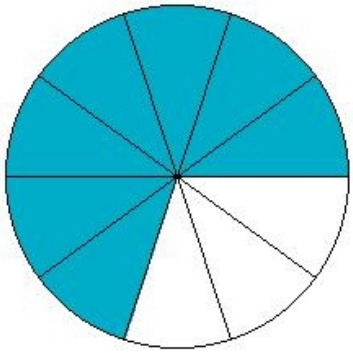


(i) $\frac{16}{25}$ (ii) $\frac{14}{27}$ (iii) $\frac{14}{25}$ (iv) $\frac{14}{23}$ (v) $\frac{12}{25}$

10. The like fraction of $\frac{5}{6}$ is

(i) $\frac{4}{5}$ (ii) $\frac{4}{6}$ (iii) $\frac{4}{9}$ (iv) $\frac{4}{8}$ (v) $\frac{4}{7}$

11. What fraction of the figure is shaded?

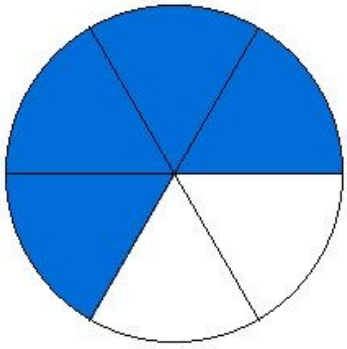


(i) $\frac{7}{12}$ (ii) $\frac{7}{10}$ (iii) $\frac{9}{10}$ (iv) $\frac{1}{2}$ (v) $\frac{7}{8}$

12. The denominator in the fraction $\frac{7}{3}$ is

(i) 3 (ii) 8 (iii) 4 (iv) 0 (v) 7

13. What fraction of the figure is shaded?



(i) $\frac{1}{3}$ (ii) $\frac{1}{2}$ (iii) 1 (iv) $\frac{2}{3}$

14. $8\frac{3}{11} \times 2 =$ _____

(i) $\frac{180}{11}$ (ii) $\frac{182}{9}$ (iii) $\frac{182}{11}$ (iv) $\frac{184}{11}$ (v) 14

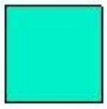
15. Which of the following is true?

(i) $\frac{31}{30} > \frac{23}{10}$ (ii) $\frac{35}{31} > \frac{33}{28}$ (iii) $\frac{16}{7} > \frac{28}{3}$ (iv) $\frac{35}{3} < \frac{33}{32}$ (v) $\frac{31}{24} < \frac{34}{9}$

16. $\frac{2}{7}$ of _____ is 70

(i) 255 (ii) 260 (iii) 245 (iv) 230 (v) 235

17. What fraction of the figure is shaded?



(i) 3 (ii) 0 (iii) 2 (iv) 1 (v) -1

18. $12 - 9\frac{1}{2} =$ _____

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

19. Which of the following is true?

(i) $\frac{6}{7} > \frac{6}{8}$ (ii) $\frac{6}{11} > \frac{2}{3}$ (iii) $\frac{1}{2} > \frac{10}{14}$ (iv) $\frac{2}{8} > \frac{5}{7}$ (v) $\frac{9}{11} < \frac{7}{9}$

Find the value of

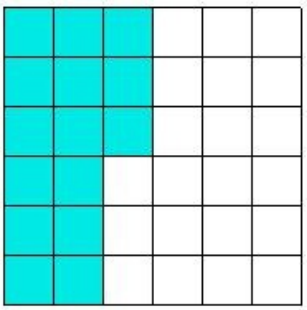
20. $\{[33\frac{1}{4} \div (\frac{61}{12} + [330 \div \{[21\frac{1}{4} \div \frac{17}{4}] \times (\frac{14}{3} + \frac{19}{3})\}])] \times ([40\frac{1}{2} \div \frac{27}{4}] + \frac{23}{6})\}$

(i) $\frac{59}{2}$ (ii) $\frac{57}{2}$ (iii) 30 (iv) $\frac{117}{4}$ (v) $\frac{61}{2}$

21. $6\frac{1}{5} \times 2\frac{7}{8} =$

(i) $16\frac{33}{40}$ (ii) $15\frac{33}{40}$ (iii) $18\frac{33}{40}$ (iv) $17\frac{33}{40}$ (v) $19\frac{33}{40}$

22. What fraction of the figure is shaded?



(i) $\frac{13}{36}$ (ii) $\frac{17}{36}$ (iii) $\frac{15}{34}$ (iv) $\frac{5}{12}$ (v) $\frac{15}{38}$

23. Find the missing value in $18\frac{3}{4} - \_\_\_\_\_ = 5\frac{3}{8}$

(i) $13\frac{3}{8}$ (ii) $13\frac{1}{8}$ (iii) $13\frac{5}{8}$ (iv) $13\frac{3}{10}$ (v) $13\frac{1}{2}$

24. $3\frac{3}{8} - 3 =$ _____

(i) $\frac{1}{8}$ (ii) $\frac{3}{8}$ (iii) $\frac{5}{8}$ (iv) $\frac{1}{2}$ (v) $\frac{3}{10}$

25. Find the missing value in $\frac{2}{6} \times \_\_\_\_\_ = \frac{4}{15}$

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

Assignment Key

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