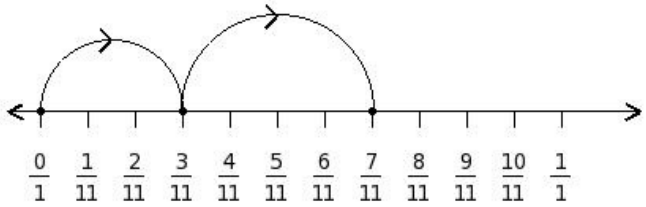
EduSahara™ Worksheet

Name : Chapter Based Worksheet

Chapter : Fractions

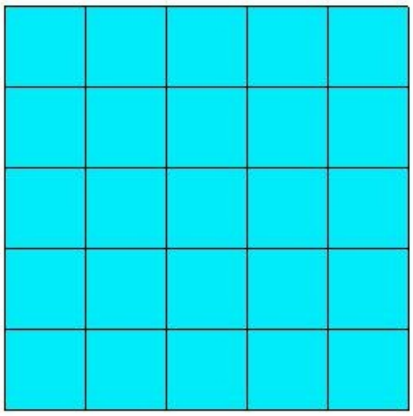
Grade : CBSE Grade VI

1. Find the equation representing the following number line diagram



(i) $\frac{2}{11}+\frac{4}{11}=\frac{6}{11}$ (ii) $\frac{3}{11}+\frac{4}{11}=\frac{7}{11}$ (iii) $\frac{5}{11}-\frac{4}{11}=\frac{1}{11}$ (iv) $\frac{4}{11}+\frac{6}{11}=\frac{10}{11}$ (v) $\frac{3}{11}-\frac{7}{11}=(\frac{-4}{11})$

2. What fraction of the figure is shaded?



(i) $\frac{25}{27}$ (ii) $\frac{27}{25}$ (iii) $\frac{25}{23}$ (iv) $\frac{23}{25}$ (v) 1

3. The simplest form of the fraction $\frac{34}{102}$ is

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

4. Find the equivalent fraction of $\frac{13}{6}$ with denominator 42

(i) $\frac{78}{42}$ (ii) $\frac{91}{42}$ (iii) $\frac{52}{42}$ (iv) $\frac{39}{42}$ (v) $\frac{65}{42}$

5. $19+\frac{11}{13}=$ _____

(i) $\frac{258}{13}$ (ii) $\frac{256}{13}$ (iii) $\frac{86}{5}$ (iv) $\frac{258}{11}$ (v) 20

6. $\frac{5}{12}+13=$ _____

(i) $\frac{53}{4}$ (ii) $\frac{163}{12}$ (iii) $\frac{161}{10}$ (iv) $\frac{161}{12}$ (v) $\frac{23}{2}$

7. $4\frac{1}{3} + 3\frac{10}{27} =$

(i) $7\frac{19}{27}$ (ii) $8\frac{19}{27}$ (iii) $9\frac{19}{27}$ (iv) $6\frac{19}{27}$ (v) $5\frac{19}{27}$

8. $20\frac{5}{12} - 20 =$ _____

(i) $\frac{5}{12}$ (ii) $\frac{5}{14}$ (iii) $\frac{1}{4}$ (iv) $\frac{7}{12}$ (v) $\frac{1}{2}$

9. $\frac{7}{5}$ of _____ is 217

(i) 155 (ii) 165 (iii) 140 (iv) 145 (v) 170

10. $16 - 5\frac{9}{10} =$ _____

(i) $\frac{103}{10}$ (ii) $\frac{101}{10}$ (iii) $\frac{101}{8}$ (iv) $\frac{99}{10}$ (v) $\frac{101}{12}$

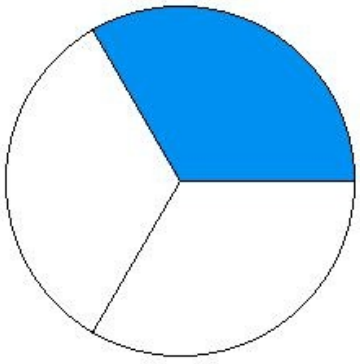
11. $9\frac{1}{4} + 5\frac{4}{7} =$

(i) $16\frac{23}{28}$ (ii) $12\frac{23}{28}$ (iii) $14\frac{23}{28}$ (iv) $15\frac{23}{28}$ (v) $13\frac{23}{28}$

12. The denominator in the fraction $\frac{26}{3}$ is

(i) 27 (ii) 0 (iii) 4 (iv) 26 (v) 3

13. What fraction of the figure is shaded?



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

14. $\frac{3}{8}$ of 112 is

(i) 27 (ii) 52 (iii) 42 (iv) 57 (v) 32

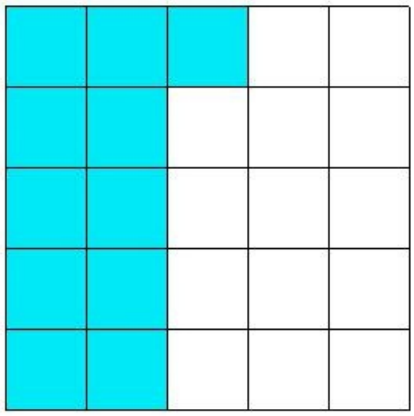
15. Identify the proper fraction

(i) $18\frac{1}{3}$ (ii) $\frac{5}{7}$ (iii) $\frac{15}{13}$ (iv) $17\frac{4}{11}$

16. Which of the following pairs are like fractions?

(i) $\frac{5}{6}, \frac{6}{13}$ (ii) $\frac{5}{9}, \frac{9}{16}$ (iii) $\frac{6}{17}, \frac{1}{17}$ (iv) $\frac{2}{20}, \frac{2}{3}$ (v) $\frac{4}{20}, \frac{5}{7}$

17. What fraction of the figure is shaded?



(i) $\frac{11}{23}$ (ii) $\frac{11}{27}$ (iii) $\frac{11}{25}$ (iv) $\frac{9}{25}$ (v) $\frac{13}{25}$

18. The like fraction of $\frac{7}{17}$ is

(i) $\frac{12}{20}$ (ii) $\frac{12}{16}$ (iii) $\frac{12}{19}$ (iv) $\frac{12}{17}$ (v) $\frac{12}{18}$

19. The ascending order of $\frac{1}{3}, \frac{3}{6}, \frac{2}{7}, \frac{6}{9}, \frac{1}{3}, \frac{3}{4}$ is

(i) $\frac{3}{6}, \frac{2}{7}, \frac{1}{3}, \frac{6}{9}, \frac{1}{3}, \frac{3}{4}$ (ii) $\frac{2}{7}, \frac{1}{3}, \frac{1}{3}, \frac{3}{6}, \frac{6}{9}, \frac{3}{4}$ (iii) $\frac{2}{7}, \frac{3}{6}, \frac{1}{3}, \frac{3}{4}, \frac{1}{3}, \frac{6}{9}$ (iv) $\frac{1}{3}, \frac{3}{6}, \frac{6}{9}, \frac{3}{4}, \frac{1}{3}, \frac{2}{7}$

(v) $\frac{3}{6}, \frac{1}{3}, \frac{1}{3}, \frac{6}{9}, \frac{3}{4}, \frac{2}{7}$

20. Find the equivalent fraction of $\frac{16}{9}$ with numerator 48

(i) $\frac{48}{54}$ (ii) $\frac{48}{27}$ (iii) $\frac{48}{63}$ (iv) $\frac{48}{45}$ (v) $\frac{48}{36}$

21. Reduce the fraction $\frac{4050}{18900}$

(i) $\frac{1}{4}$ (ii) $\frac{1}{14}$ (iii) $\frac{3}{16}$ (iv) $\frac{5}{14}$ (v) $\frac{3}{14}$

22. Which of the following pairs are unlike fractions?

(i) $\frac{2}{5}, \frac{3}{5}$ (ii) $\frac{1}{2}, \frac{1}{2}$ (iii) $\frac{1}{5}, \frac{5}{13}$ (iv) $\frac{12}{14}, \frac{4}{14}$ (v) $\frac{10}{11}, \frac{5}{11}$

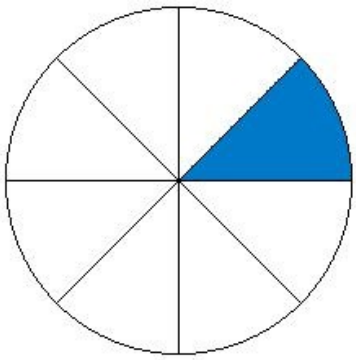
23. The integer part in the fraction $2\frac{5}{8}$ is

(i) 9 (ii) 6 (iii) 5 (iv) 2 (v) 8

24. Find the missing value in $\frac{7}{9} + \_\_\_\_\_ = \frac{229}{144}$

(i) $\frac{15}{16}$ (ii) $\frac{11}{16}$ (iii) $\frac{13}{14}$ (iv) $\frac{13}{18}$ (v) $\frac{13}{16}$

25. What fraction of the figure is shaded?



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

Assignment Key

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