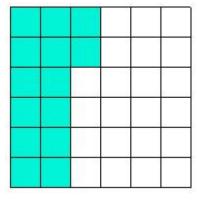
## **EduSahara**<sup>™</sup> **Learning Center Assignment**

Grade : Class VI, SSC

Chapter : Fractions and Decimals
Name : Fraction Diagram Problems

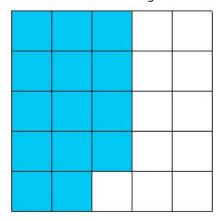
Licensed To: Teachers and Students for non-commercial use

1. What fraction of the figure is shaded?



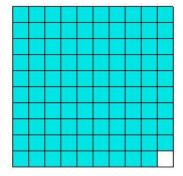
(i)  $\frac{7}{17}$  (ii)  $\frac{1}{3}$  (iii)  $\frac{7}{19}$  (iv)  $\frac{4}{9}$  (v)  $\frac{7}{18}$ 

2. What fraction of the figure is shaded?

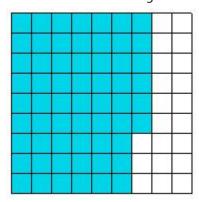


(i)  $\frac{14}{25}$  (ii)  $\frac{14}{27}$  (iii)  $\frac{16}{25}$  (iv)  $\frac{14}{23}$  (v)  $\frac{12}{25}$ 

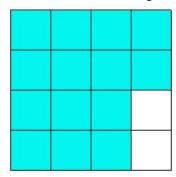
3. What fraction of the figure is shaded?



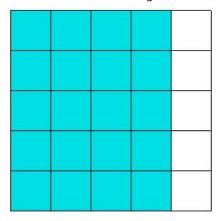
- (i)  $\frac{97}{100}$  (ii)  $\frac{101}{100}$  (iii)  $\frac{99}{98}$  (iv)  $\frac{99}{100}$  (v)  $\frac{33}{34}$
- 4. What fraction of the figure is shaded?



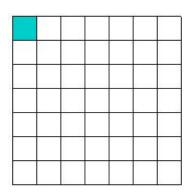
- (i)  $\frac{62}{81}$  (ii)  $\frac{60}{83}$  (iii)  $\frac{60}{79}$  (iv)  $\frac{20}{27}$  (v)  $\frac{58}{81}$
- 5. What fraction of the figure is shaded?



- (i)  $\frac{7}{8}$  (ii) 1 (iii)  $\frac{7}{9}$  (iv)  $\frac{3}{4}$
- 6. What fraction of the figure is shaded?

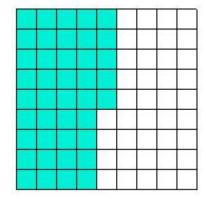


- (i)  $\frac{20}{23}$  (ii)  $\frac{20}{27}$  (iii)  $\frac{22}{25}$  (iv)  $\frac{18}{25}$  (v)  $\frac{4}{5}$
- 7. What fraction of the figure is shaded?



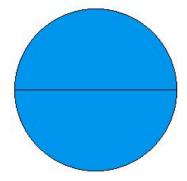
(i) 
$$(\frac{-1}{49})$$
 (ii)  $\frac{1}{47}$  (iii)  $\frac{1}{51}$  (iv)  $\frac{3}{49}$  (v)  $\frac{1}{49}$ 

8. What fraction of the figure is shaded?



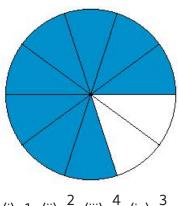
(i) 
$$\frac{41}{81}$$
 (ii)  $\frac{41}{79}$  (iii)  $\frac{43}{81}$  (iv)  $\frac{13}{27}$  (v)  $\frac{41}{83}$ 

9. What fraction of the figure is shaded?

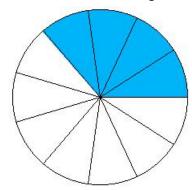


(i) 2 (ii) 
$$\frac{1}{2}$$
 (iii) 0 (iv) 1

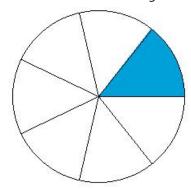
10. What fraction of the figure is shaded?



- (i) 1 (ii)  $\frac{2}{3}$  (iii)  $\frac{4}{5}$  (iv)  $\frac{3}{5}$
- 11. What fraction of the figure is shaded?



- (i)  $\frac{4}{13}$  (ii)  $\frac{4}{9}$  (iii)  $\frac{2}{11}$  (iv)  $\frac{6}{11}$  (v)  $\frac{4}{11}$
- 12. What fraction of the figure is shaded?



(i)  $\frac{1}{9}$  (ii)  $\frac{3}{7}$  (iii)  $\frac{1}{5}$  (iv)  $(\frac{-1}{7})$  (v)  $\frac{1}{7}$ 

## **Assignment Key**

- 1) (v)
- 2) (i)
- 3) (iv)
- 4) (iv)
- 5) (i)
- 6) (v)
- 7) (v)
- 8) (i)
- 9) (iv)
- 10) (iii)
- 11) (v)
- 12) (v)