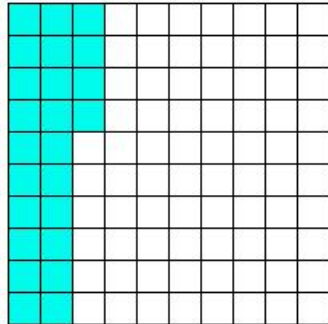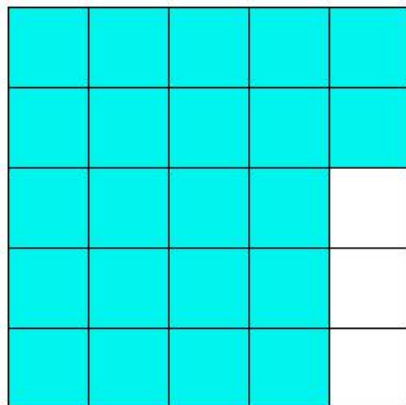# EduSahara™ Learning Center Assignment

Grade   : Class VII, SSC
Chapter   : Fractions, Decimals and Rational Numbers
Name   : Fraction Diagram Problems
Licensed To : Teachers and Students for non-commercial use
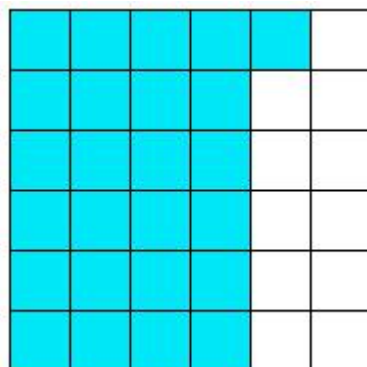
---

1. What fraction of the figure is shaded?

(i) $\dfrac{4}{17}$ (ii) $\dfrac{11}{50}$ (iii) $\dfrac{6}{25}$ (iv) $\dfrac{12}{49}$ (v) $\dfrac{13}{50}$

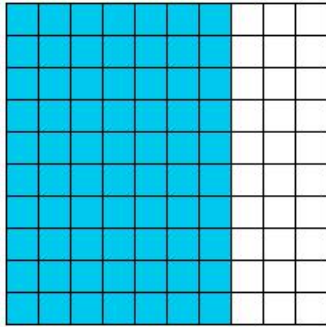2. What fraction of the figure is shaded?

(i) $\dfrac{24}{25}$ (ii) $\dfrac{4}{5}$ (iii) $\dfrac{22}{25}$ (iv) $\dfrac{22}{27}$ (v) $\dfrac{22}{23}$

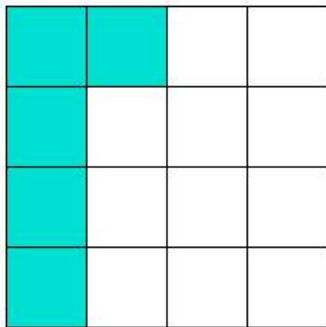3. What fraction of the figure is shaded?

(i) $\dfrac{25}{36}$ (ii) $\dfrac{23}{36}$ (iii) $\dfrac{3}{4}$ (iv) $\dfrac{25}{38}$ (v) $\dfrac{25}{34}$
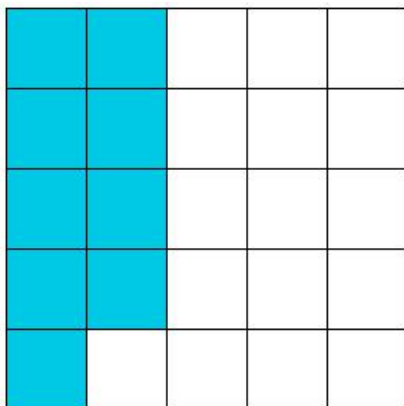
---

4. What fraction of the figure is shaded?

(i) $\dfrac{18}{25}$ (ii) $\dfrac{35}{51}$ (iii) $\dfrac{17}{25}$ (iv) $\dfrac{7}{10}$ (v) $\dfrac{5}{7}$

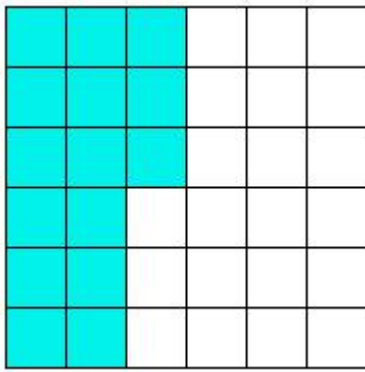5. What fraction of the figure is shaded?

(i) $\dfrac{5}{14}$ (ii) $\dfrac{3}{16}$ (iii) $\dfrac{5}{16}$ (iv) $\dfrac{5}{18}$ (v) $\dfrac{7}{16}$

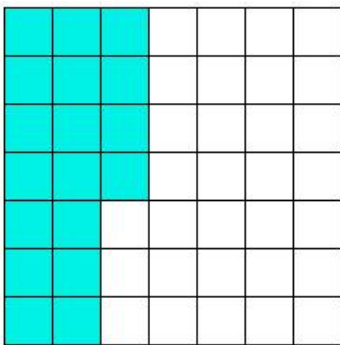6. What fraction of the figure is shaded?

(i) $\dfrac{1}{3}$ (ii) $\dfrac{7}{25}$ (iii) $\dfrac{9}{23}$ (iv) $\dfrac{11}{25}$ (v) $\dfrac{9}{25}$

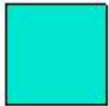7. What fraction of the figure is shaded?

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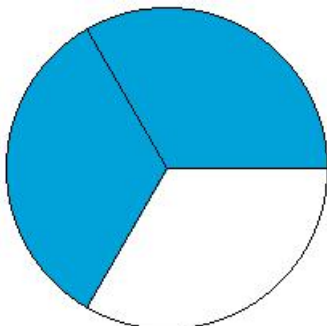
---

8. What fraction of the figure is shaded?

(i) $\dfrac{6}{17}$ (ii) $\dfrac{16}{49}$ (iii) $\dfrac{18}{49}$ (iv) $\dfrac{18}{47}$ (v) $\dfrac{20}{49}$

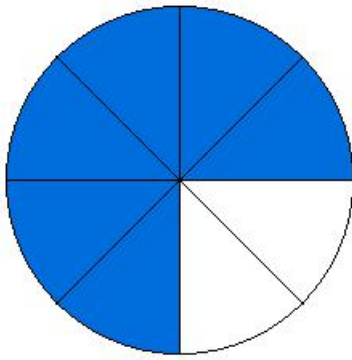9. What fraction of the figure is shaded?

(i) 2 (ii) 4 (iii) -1 (iv) 1 (v) 0

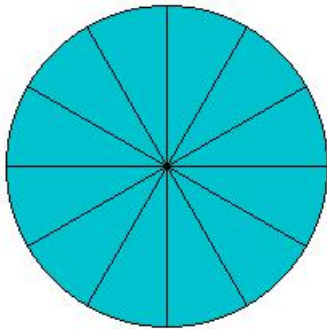10. What fraction of the figure is shaded?

(i) $\dfrac{2}{5}$ (ii) $\dfrac{4}{3}$ (iii) 0 (iv) $\dfrac{2}{3}$ (v) 2
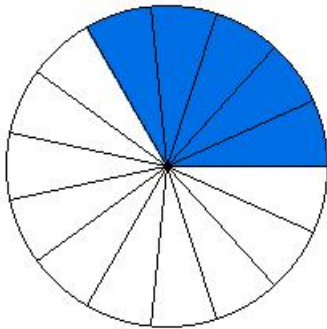
---

11. What fraction of the figure is shaded?

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

---

12. What fraction of the figure is shaded?

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

---

13. What fraction of the figure is shaded?

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

Assignment Key

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