

Chapter 6 Fraction

Exercise 6.1

I Choose the correct options:

- i) What fraction of a day is 6 hours?
a) $\frac{6}{12}$ ~~b) $\frac{6}{24}$~~ c) $\frac{3}{24}$ d) $\frac{6}{60}$

- ii) What fraction of an hour is 30 minutes?
a) $\frac{30}{120}$ b) $\frac{60}{90}$ c) $\frac{60}{240}$ ~~d) $\frac{30}{60}$~~

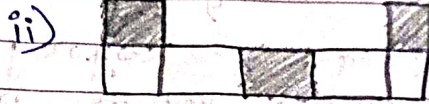
- iii) Ruchi sliced a cake into 12 equal pieces. She gave 3 pieces to her brother and ate 2 pieces. What fraction of cake is left with her?
a) $\frac{5}{12}$ ~~b) $\frac{7}{12}$~~ c) $\frac{6}{12}$ d) $\frac{3}{12}$

$$\begin{aligned} &= 12 - (3 + 2) \\ &= 12 - 5 \\ &= 7 \end{aligned}$$

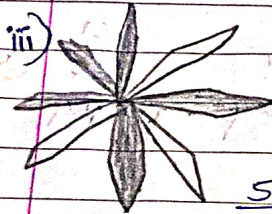
2. Write the fraction representing the shaded portion:



$$\frac{5}{9}$$



$$\frac{3}{7}$$



$$\frac{5}{8}$$



$$\frac{2}{5}$$

3. Write fraction whose

Sol: i)

$$\frac{6}{11}$$

iii) $\frac{4}{5}$

Sol: ii)

$$\frac{4}{9}$$

iv)

$$\frac{2}{7}$$

4.

i)

$$\frac{1}{8}$$

ii)

$$\frac{4}{11}$$

iii) $\frac{3}{10}$

iv)

$$\frac{2}{7}$$

5.