1. Write the following division as fractions:
(i) 3 ÷ 7
(ii) 11 ÷ 78
(iii) 113 ÷ 128

Solution:-

Divisions can be written in fractions as,

(i) 3 ÷ 7 = 3/7

(ii) 11 ÷ 78 = 11/78

(iii) 113 ÷ 128 = 113/128

2. Write the following fractions in words

(i) 2/7

(ii) 3/10

(iii) 15/28

Solution:-

(i) 2/7 = Two-Seventh

(ii) 3/10 = Three-Tenth

(iii) 15/28 = Fifteen-Twenty eighth

3. Write the following fractions in number form:
(i) one-sixth
(ii) three-eleventh,
(iii) seven-fortieth
(iv) thirteen-one hundred twenty-fifth

Solution:-

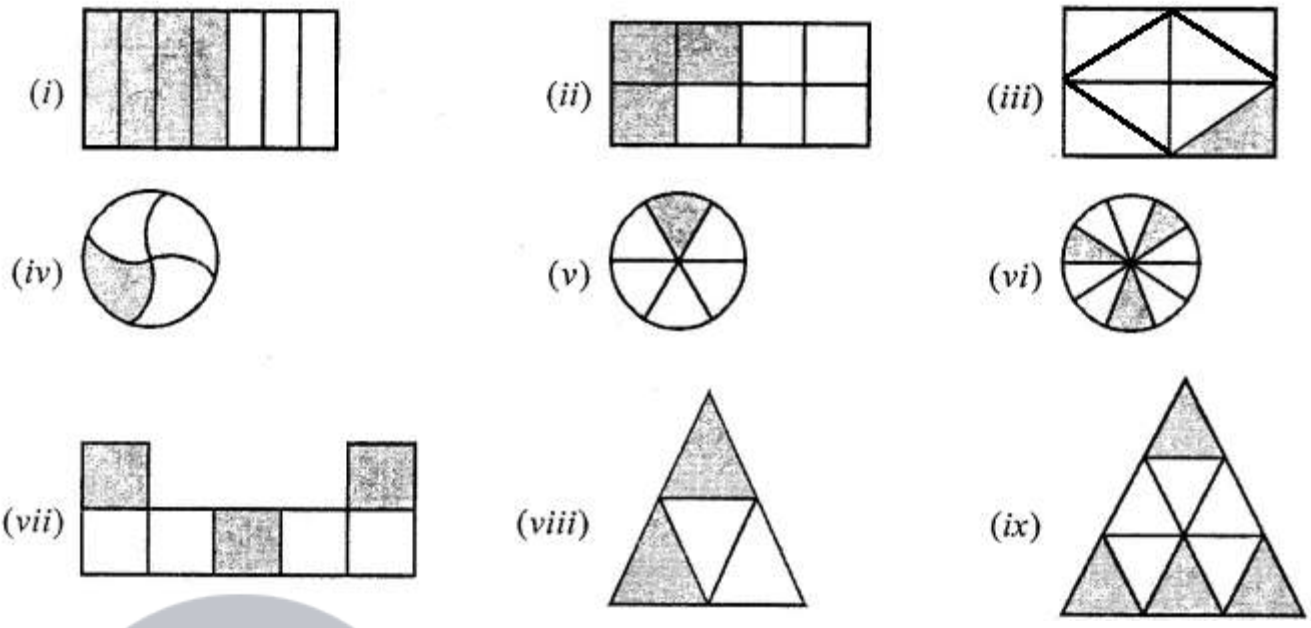
(i) one-sixth = 1/6

(ii) three-eleventh = 3/11

(iii) seven-fortieth = 7/40

(iv) thirteen-one hundred twenty-fifth = 13/125

4. What fraction of each of the following is shaded part?



Solution:-

From the given figure,

(i) In figure (i), out of 7 equal parts, 4 parts are shaded.

So, the fraction is 4/7

(ii) In figure (ii), out of 8 equal parts, 3 parts are shaded.

So, the fraction is 3/8

(iii) In figure (iii), out of 8 equal parts, 1 part is shaded.

So, the fraction is 1/8

(iv) In figure (iv), out of 4 equal parts, 1 part is shaded.

So, the fraction is ¼

(v) In figure (v), out of 6 equal parts, 1 part is shaded.

So, the fraction is 1/6

(vi) In figure (vi), out of 10 equal parts, 3 parts are shaded.

So, the fraction is 3/10

(vii) In figure (vii), out of 7 equal parts, 3 parts are shaded.

So, the fraction is 3/7

(viii) In figure (viii), out of 4 equal parts, 2 parts are shaded.

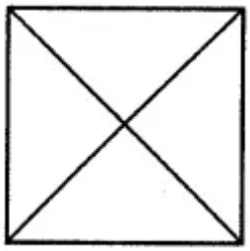
So, the fraction is 2/4

(ix) In figure (ix), out of 9 equal parts, 4 parts are shaded.

So, the fraction is 4/9

5. Shade the parts of the following figures according to given fractions.

(i) ¾



Solution:-

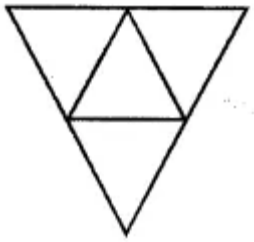
According to the fraction in the figure, out of 4 equal parts, 3 parts are shaded.

(ii) 1/6

Solution:-

According to the fraction in the figure, out of 6 equal parts, 1 part is shaded.

(iii) ¼



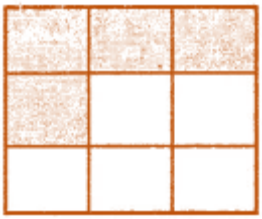
Solution:-

According to the fraction in the figure, out of 4 equal parts, 1 part is shaded.

(iv) 4/5

Solution:-

According to the fraction in the figure, out of 9 equal parts, 4 parts are shaded.

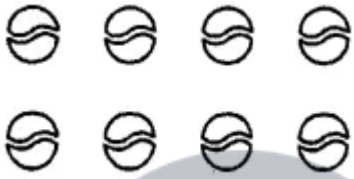


(v) 1/3

Solution:-

According to the fraction in the figure, out of 6 equal parts, 1 part is shaded.

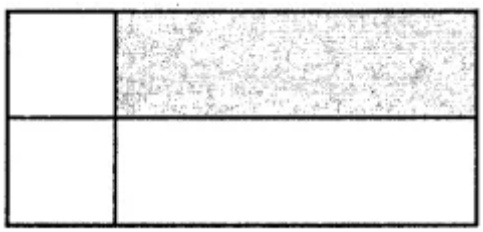
(vi) 5/8



Solution:-

According to the fraction in the figure, out of 8 balls, 5 balls are shaded.

6. In the adjoining figure, if we say that the shaded region is ¼ of the whole region, then identify the error in it.



Solution:-

In the given figure, parts are not equally divided. So the given fraction is not correct.

7. Write the fraction in which
(i) numerator = 5 and denominator = 13

Solution:-

numerator = 5 and denominator = 13

5/13

(ii) denominator = 23 and numerator = 17

Solution:-

denominator = 23 and numerator = 17

17/23