

Exercise - 6

Q1. See the following distributions and state the relation between both with the help of symbols $>$, $<$ or $=$.

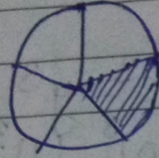
(i) $\frac{1}{4} \boxed{<} \frac{3}{4}$

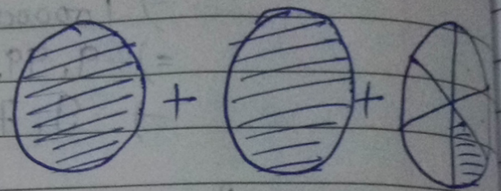
(ii) $\frac{1}{2} \boxed{=} \frac{1}{2}$

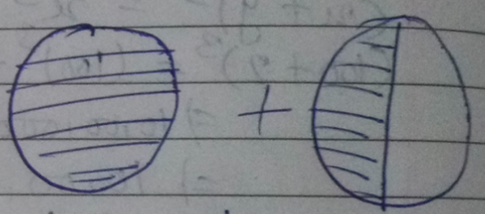
(iii) $\frac{1}{3} \boxed{<} \frac{1}{2}$

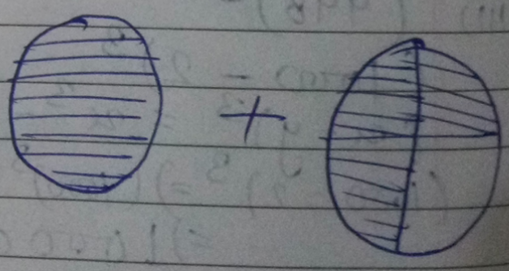
(iv) $\frac{1}{4} \boxed{<} \frac{2}{3}$

Q2: Write the following fraction in the form of distribution.

(i) $\frac{1}{5}$  $\frac{1}{5}$

(ii) $\frac{13}{6}$ $6 \sqrt{\frac{13}{6}} = 2 \frac{1}{6}$  $1 + 1 + \frac{1}{6}$

(iii) $\frac{3}{2}$ $2 \sqrt{\frac{3}{2}} = 1 \frac{1}{2}$  $1 + \frac{1}{2}$

(iv) $\frac{7}{4}$ $4 \sqrt{\frac{7}{4}} = 1 \frac{3}{4}$  $1 + \frac{3}{4}$

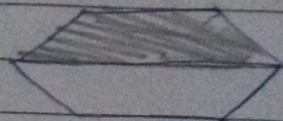
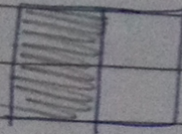
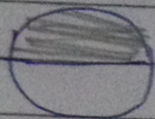
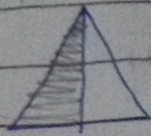
Q. Write the following in words.

(i) $\frac{3}{4} =$ Three fourth

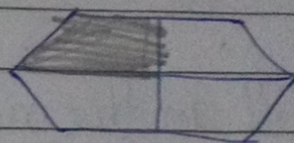
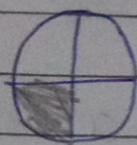
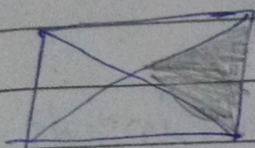
(ii) $1\frac{2}{5} =$ One and two fifth

(iii) $2\frac{3}{5} =$ Two and three fifth

Q4. Shade $\frac{1}{2}$ portion of the following figures:-

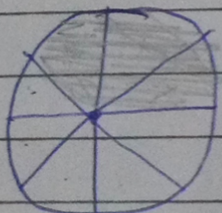


Q5. Shade $\frac{1}{4}$ portion of the following figures:-

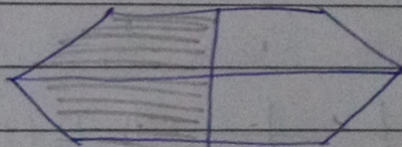


Q6. Look at the shaded part of each picture. write in number and word how much a shaded part is?

(i)



(iii)



Ans

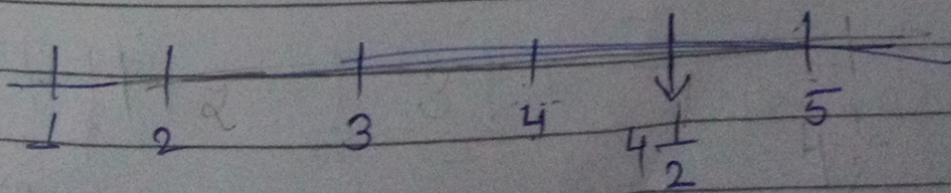
$\frac{3}{8}$ Three Eighths.

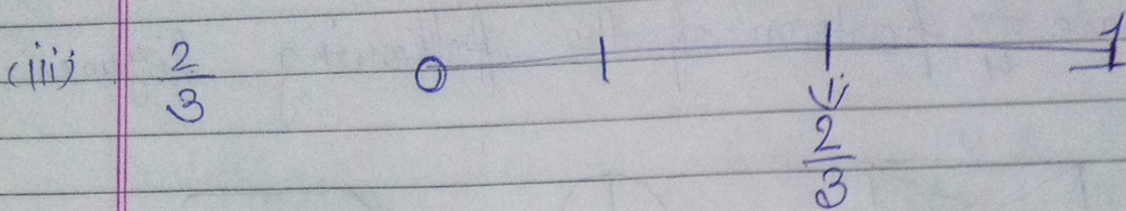
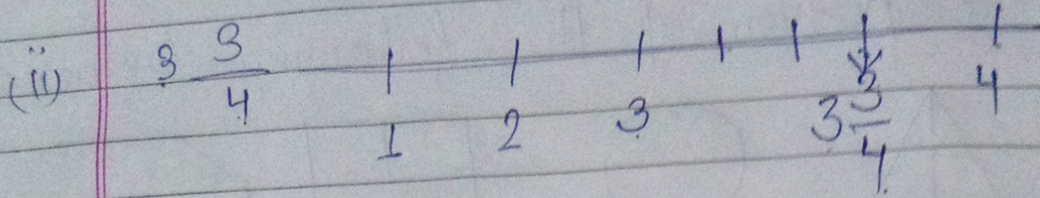
Ans

$\frac{2}{4}$ Two Fourth.

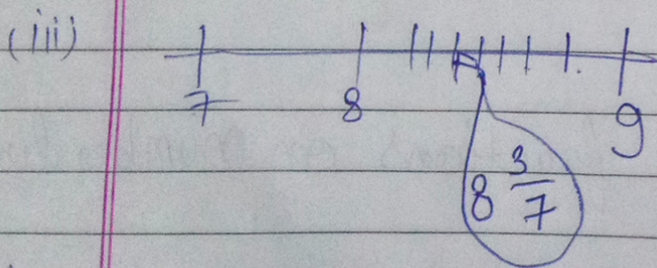
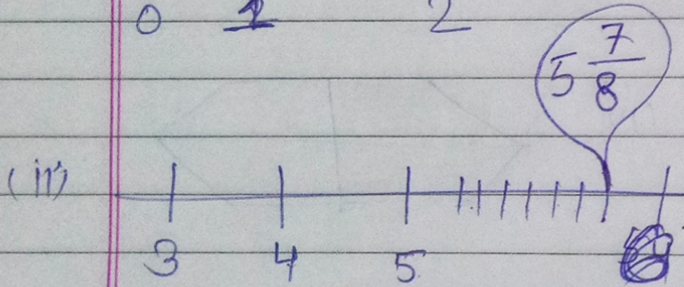
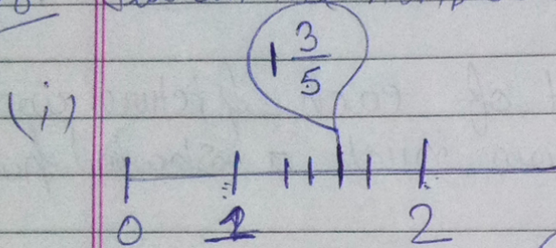
Q7. Show the following fractions on number line

(i) $4\frac{1}{2}$

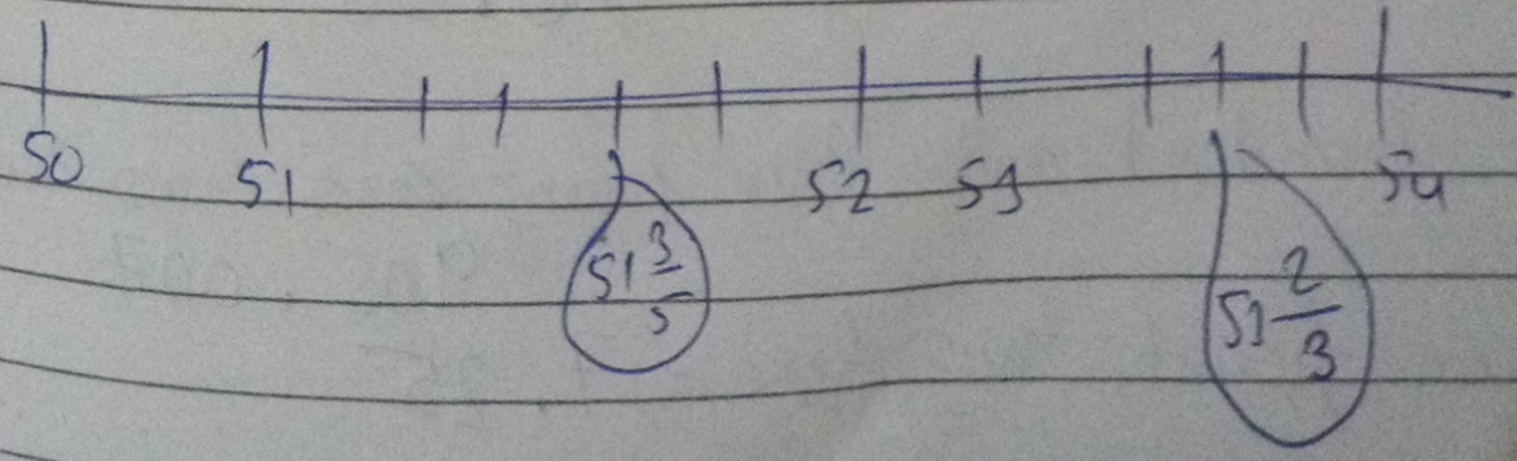




Q8. Fill in the number as fraction inside the balloon.



(iv)



Q 9. Write the given decimal numbers in words:-

(a) 42.356 \Rightarrow Forty two point three five six.

(b) 7.02 \Rightarrow Seven point zero two.

(c) 0.409 \Rightarrow Zero point four zero nine.

(d) 309.001 \Rightarrow Three hundred nine point zero zero one.

(e) 15.205 \Rightarrow Fifteen point two zero five.

(f) 0.002 \Rightarrow Zero point zero zero two.

(g) 1.073 \Rightarrow One point zero seven three.

(h) 415.38 \Rightarrow Four hundred fifteen point three eight.

Q 10. Write in numbers:-

(a) Five point seven two \Rightarrow 5.72

(b) Sixty point three zero nine \Rightarrow 60.309

(c) Zero point zero eight \Rightarrow 0.08

(d) Nine hundred and five point zero zero seven \Rightarrow

(e) seven point two five \Rightarrow 7.25

Exercise - 6

Q11. Convert the given fractions into decimal numbers:-

$$(a) \frac{5}{10} \Rightarrow 0.5$$

$$(b) \frac{28}{10} \Rightarrow 2.8$$

$$(c) \frac{1037}{1000} \Rightarrow 1.037$$

$$(d) \frac{59}{100} \Rightarrow 0.59$$

$$(e) \frac{8}{10} \Rightarrow 0.8$$

$$(f) \frac{1 \times 25}{4 \times 25} \Rightarrow \frac{25}{100} \Rightarrow 0.25$$

$$(g) \frac{3 \times 2}{5 \times 2} \Rightarrow \frac{6}{10} \Rightarrow 0.6$$

$$(h) \frac{7 \times 4}{25 \times 4} \Rightarrow \frac{28}{100} = 0.28$$

$$(i) \frac{15}{1000} \Rightarrow 0.015$$

$$(j) \frac{21}{1000} = 0.021$$

$$(k) \frac{125}{100} = 1.25$$

$$(l) \frac{235}{1000} \Rightarrow 0.235$$

Q12. Convert the given decimal numbers into fractions:-

$$(a) 2.9 \Rightarrow \frac{29}{10}$$

$$(g) 2.386 \Rightarrow \frac{2386}{1000}$$

$$(b) 0.37 \Rightarrow \frac{37}{100}$$

$$(h) 17.75 \Rightarrow \frac{1775}{100}$$

$$(e) 5.309 \Rightarrow \frac{5309}{1000}$$

$$(i) 182.81 \Rightarrow \frac{18281}{100}$$

$$(d) 0.005 \Rightarrow \frac{5}{1000}$$

$$(f) 285.37 \Rightarrow \frac{28537}{100}$$

$$(c) 6.04 \Rightarrow \frac{604}{100}$$

$$(j) 16.35 \Rightarrow \frac{1635}{100}$$