

Monday

Lesson 5

Fractions

DATE: 02.08.21

24/60

Exercise 5A

Q-1, 2 & 3 are written in textbook.

Q-4. Write the fraction for each of the following.

1. Three-fourth.
 $\Rightarrow \frac{3}{4}$

2. Two-fifth
 $\Rightarrow \frac{2}{5}$

3. One-eighth
 $\Rightarrow \frac{1}{8}$

4. Eight-ninths
 $\Rightarrow \frac{8}{9}$

5. Four-seventh
 $\Rightarrow \frac{4}{7}$

6. Three-tenths
 $\Rightarrow \frac{3}{10}$

7. Five-sixths
 $\Rightarrow \frac{5}{6}$

8. Seven-twelfths.
 $\Rightarrow \frac{7}{12}$

Q-5 Write down the numerator and the denominator of each of the following.

1) $\frac{4}{9}$

$\Rightarrow N=4 \quad D=9$

2) $\frac{6}{11}$

$\Rightarrow N=6 \quad D=11$

3) $\frac{8}{15}$

$\Rightarrow N=8 \quad D=15$

4) $\frac{12}{17}$

$\Rightarrow N=12 \quad D=17$

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

$\Rightarrow N=5 \quad D=1$

Q-6

i) $\frac{3}{8}$ ii) $\frac{5}{12}$ iii) $\frac{7}{10}$ iv) $\frac{8}{13}$

Q-7.

i) two-thirds iv) seven-tenth

ii) four-ninths v) one-thirds

iii) two-fifths vi) three-fourths

vii) three-eighths

viii) nine-fourths

ix) five-elevenths

x) six-fifteenths

Q-8

⇒ We know, 1 hour = 60 mins

$$\therefore \text{The required fraction} = \frac{24}{60} = \frac{2}{5}$$

Q-9

→

There are total 9 natural numbers from 2 to 10. They are 2, 3, 4, 5, 6, 7, 8, 9, 10.

Out of these natural numbers, 2, 3, 5, 7 are the prime numbers.

$$\therefore \text{The required fraction} = \frac{4}{9}$$

Q-10

$$i) \frac{2}{3} \text{ of } 15 \text{ pens} = \left(\frac{2}{3} \times \frac{15^3}{1} \right) = 10 \text{ pens}$$

$$ii) \frac{2}{3} \text{ of } 27 \text{ balls} = \left(\frac{2}{3} \times \frac{27^9}{1} \right) = 18 \text{ pens}$$

$$iii) \frac{2}{3} \text{ of } 36 \text{ balloons} = \left(\frac{2}{3} \times \frac{36^{12}}{1} \right) = 24 \text{ balloons}$$

Q-11

$$i) \frac{3}{4} \text{ of } 16 \text{ cups} = \left(\frac{3}{4} \times \frac{16^4}{1} \right) = 12 \text{ cups}$$

ii) $\frac{3}{4}$ of 28 rackets = $\left(\frac{3}{4} \times \frac{28}{1}\right) = 21$ rackets

iii) $\frac{2}{3}$ of 36 balloons = $\left(\frac{2}{3} \times \frac{36}{1}\right) = 24$ balloons.

Q-12

⇒ Neelam gives $\frac{4}{5}$ of 25 pencils to Meena.

$\left(\frac{4}{5} \times \frac{25}{1}\right) = 20$ pencils.

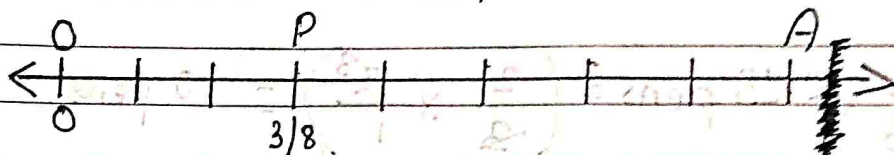
Thus, Meena gets 20 pencils.

∴ Numbers of pencil left with Neelam = $25 - 20 = 5$ pencils.

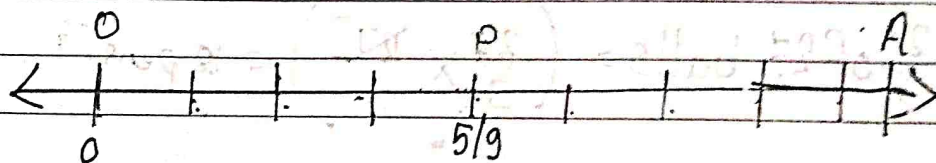
Thus, 5 pencils are left with Neelam.

Q-13 Draw a 0 to 1 on a number line. Label point 1 as A and mark the starting points as O

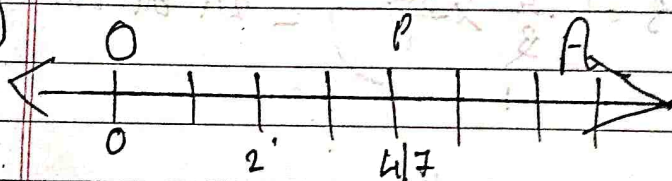
i) Divide the number line from 0 to 1 into 8 equal parts



ii)



iii)



iv)

