

18.9.20

Worksheet

Class - VIII

Revision of half yearly syllabus

Q1 Evaluate:

$$\frac{2}{7} + \frac{-11}{5} + \frac{-3}{7} + \frac{3}{5}$$

Q2 Find the additive inverse of:

(i) $\frac{-11}{9}$ (ii) $\frac{3}{7}$

Q3 The sides of a triangle are $5\frac{1}{2}$ cm, $7\frac{3}{4}$ cm and $9\frac{2}{3}$ cm. Find its perimeter.

Q4 What should be added to $\frac{2}{7}$ to get $\frac{5}{6}$?

Q5 What should be subtracted from $-\frac{1}{8}$ to get $\frac{11}{72}$?

Q6 The sum of two rational number is $\frac{4}{33}$.
If one of them is $\frac{-5}{11}$, find the other.

19.9.20

Worksheet

Class - VIII

Revision of Half yearly Syllabus

Q1. Draw a histogram for the following frequency distribution.

Class Interval	30-60	60-90	90-120	120-150	150-180	180-210
Frequency	5	12	18	10	13	16

Q2. Factorise

(i) $4x^2 - 8x + 3$

(ii) $(a-2b)^2 - 5(a-2b) + 6$

Q3. Construct a frequency distribution table for the following ages (in yrs) of thirty students using equal intervals, one of them being 9-12 (12 not included)

16, 11, 21, 8, 8, 9, 16, 3, 9, 21, 21, 22, 15, 19, 6, 7, 6, 17, 15, 17, 14, 23, 11, 18, 22, 15, 12, 18, 12, 13.

Q4. Represent $-\frac{11}{8}$ on the number line.

Q5. The angles of a quadrilateral are in the ratio 1:3:5:6. Find the measure of the smallest angle.

Q6. The Savings of six friends are given below:
 ₹1225, ₹1230, ₹1240, ₹1250, ₹1250, ₹1245

(i) What is the highest saving?

(ii) What is the lowest saving?

(iii) What is the range?