

Worksheet for Class - VI
Subject = Mathematics

P-1

Q1. Simplify the following :-

i) $8 \div (14 - 7 - 3) + 4$

ii) $|-19| - |-13|$

iii) $\frac{9}{14} + \frac{3}{14} - \frac{5}{14}$

iv) $5 - 4\frac{3}{8} + \frac{17}{18}$

Q2. Arrange in ascending order :-

i) $-28, -33, 9, -4, -31, -2, 35$

ii) $\frac{3}{4}, \frac{5}{12}, \frac{9}{16}$

Q3. Arrange in descending order :-

i) $-101, 95, -3, -8, 36, -7, -84$

ii) $\frac{2}{3}, \frac{5}{6}, \frac{5}{8}, \frac{9}{14}$

Q4. Find the L.C.M. of 36, 96, 108, 160

Q5. Find the H.C.F. of 825, 675, 450

Q6. Evaluate :

i) 0.79×32.4

$$\text{ii) } 3.016 \div 8$$

Q7. Are 5, 10, 30 and 60 in proportion?

Q8. Find the distance travelled by Ashu if he takes 7 rounds of a square park of side 90 m.

Q9. Find the cost of fencing a rectangular park of length 225 m and breadth 115 m at the rate of ₹13 per meter.

Q10. Find the value of :-

i) $a^2 + b^2 + c^2 - 2ab - 2bc - 2ca + 3abc$
When $a = 2, b = 3, c = -2$

ii) $p^3 + q^3 - r^3 - 3pqr$ when $p = 4, q = -3$
 $r = 2$

iii) $2mn^4 - 15m^2n + p$ when $m = 1, n = 2$
 $p = -3$

Make a copy in a page, solve it and submit after reopening of school.