

Maths Worksheet

Mixed Bag Class VI

Q1. Write the following in Roster form-

- (a) $T = \{\text{Set of Even prime numbers less than } 12\}$
- (b) $P = \{\text{Set of consonants in the word 'INDEPENDENCE'}\}$
- (c) $B = \{\text{Set of natural numbers between } 11 \text{ and } 20\}$

Q2. By how much should 218.91 be decreased to get 26.09?

Q3. (i) Thomas bought fruits worth ₹ 35.48 and vegetables worth ₹ 103.45. If he had given ₹200 note to the shopkeeper how much will he get back?

Q4. What must be added to -185 to get -80 ?

Q5. Write the following in the set builder form:

- (a) $A = \{\text{March, May}\}$
- (b) $B = \{\text{Mercury}\}$
- (c) $C = \{\text{T A B L E}\}$
- (d) $D = \{-2, -1, 0, 1, 2\}$

Q6. What must be subtracted from 37 to get -10 ?

Q7. Arrange in ascending order.

$-26, 72, 26, -30, 0, 3, -105$

Q8. Express in algebraic form-

- a. The sum of 8 and x is equal to y .
- b. z decreased by $3x$ is equal to y .
- c. $3z$ subtracted from 45 is equal to y .

Q9. Find the HCF of-

- a. 144, 180 and 196
- b. 365 and 730
- c. 24 and 96