



NOIDA PUBLIC SCHOOL
A-78, Sector-23, Noida
Affiliation No.2130200
Session : 2023 - 2024
CLASS - VII (MATHEMATICS)
PT-1 WORKSHEET
CHAPTER - 1 : INTEGERS



Multiple Choice Questions (MCQs)

Q.1:- (i) 5 added to -5 gives:

- (a) 10 (b) -10 (c) 0 (d) -25

(ii) Which of the following statements is true?

- (a) 2 subtracted from -3 gives 1 (b) -1 subtracted from -5 gives 6
(c) 3 subtracted from -8 gives -11 (d) 1 subtracted from -7 gives -6

(iii) Multiplication of -2, -7 and -10 gives:

- (a) -34 (b) 19 (c) -140 (d) 90

(iv) Which of the following numbers is to the right of -3 on number line?

- (a) -4 (b) -2 (c) -5 (d) -6

(v) Sum of two negative integers is always:

- (a) Positive (b) Negative (c) 0 (d) 1

(vi) Which of the following numbers is greater than -1?

- (a) -2 (b) -10 (c) 0 (d) -3

(vii) Which number is 5 more than -3?

- (a) -2 (b) 2 (c) 8 (d) -8

(viii) The integer succeeding -9 is:

- (a) -10 (b) 10 (c) -8 (d) 8

(ix) What will be the opposite of 3 km south?

- (a) 3 km east (b) 3 km north (c) 3 km north east (d) 3 km west

(x) Which number is multiplicative identity for the whole numbers?

- (a) 0 (b) 1 (c) 2 (d) 3

(xi) Sum of -10, -5 and 12 is:

- (a) 27 (b) -3 (c) 3 (d) -27

(xii) Which of the followings is in increasing order?

- (a) 0, 1, -1 (b) -1, -2, -3 (c) -1, 0, 1 (d) -1, 1, -2

(xiii) Identify the property used in the following:

$$2 \times 13 + 8 \times 13 = (2 + 8) \times 13$$

- (a) Commutative (b) Closure (c) Associative (d) Distributive

(xiv) What will be the additive inverse of -1?

- (a) -2 (b) -1 (c) 0 (d) 1

(xv) The pair of integers whose sum is -5:

- (a) 1, -4 (b) -1, 6 (c) -3, -2 (d) 5, 0

Q.2:- Subtract -28 from 30 and subtract 30 from -28. Are the two results same?

Q.3: Write the following decimal numbers in the expanded form. **(i)** 36.241 **(ii)** 192.086

Q.4:- The sum of two integers is -278. If one of the integers is -156, find the other.

Q.5:- Simplify : $14 - (-18) + (-32) - (-15)$.

Q.6:- Using distributive property, find **(i)** 49×102 **(ii)** 1001×56 **(iii)** 995×28

Q.7:- The product of two integers is -192. If one of the integers is 24, find the other integer.

Q.8:- Write down a pair of integers whose **(i)** Sum is -11 **(ii)** Difference is -12 **(iii)** sum is 0

Q.9:- Subtract -8 from 15 and subtract 15 from -8. Are the two results same?

Q.10:- Find **(i)** $163.44 \div 36$ **(ii)** 10.05×1.05 **(iii)** $2.73 \div 1.3$ **(iv)** 34.56×1.007

Q.11:- Find the value of : **(i)** $25967 \times 97 + 25967 \times 3$ **(ii)** $2982 \times 776 - 1982 \times 776$

Q.12:- Simplify:

- (i) $[56 \div -(-7)] \div [-(-96) \div (24)]$ (ii) $[121 \div (11)] \div [-(-124) \div (62)] + \frac{3}{2}$ (iii) $65 \div (-13) + (-72) \div (-8)$

Q.13:- A certain freezing process requires that room temperature be lowered from 45°C at the rate of 5°C every hour. What will be the room temperature 10 hours after the process begins?

Q.14:- The temperature at 12 noon was 10°C above zero. If it decreases at the rate of 2°C per hour until midnight at what time would the temperature be 8°C below zero? What would be the temperature at mid-night?

Q.15:- Find the value of : **(i)** 7.89×100 **(ii)** 22.1×1.2 **(iii)** $0.196 \div 0.14$ **(iv)** $398.3 \div 1000$