

Integers Worksheet – 1

1. The smallest integer is zero. Mark True / False.

- [illegible]

2. -15 is greater than -20. Mark True / False.

- a) True b) False

3. Zero is less than any negative integer. Mark True / False.

- [illegible]

4. The sum of a positive integer and negative integer is always a negative integer. Mark True / False.

- a) True b) False

5. The sum of two negative integers is a negative integer. Mark True / False.

- a) True b) False

6. Which pair of integers sum is zero.

- a) -5 and -5 b) 4 and -5
- c) -8 and 8 d) None of these

7. Zero is greater than every negative integer. Mark True / False.

- a) True b) False

8. Zero has no predecessor in integers. Mark True / False.

- a) True b) False

9. Zero is the successor of -1 in integers. Mark True / False.

- a) True b) False

10. -1 is predecessor of -2. Mark True / False.

- a) True b) False

11. $25 + (-12) = \underline{\hspace{2cm}}$.

- a) -13 b) -12
- c) 13 d) 12

12. $(-48) + (-20) =$ _____.

- a) 68 b) 58
c) -28 d) -68

13. Find the sum of -500 and 478.

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| a) 22 | b) -22 |
| c) 12 | d) None of these |

14. _____ is the additive inverse of -85.

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| a) 0 | b) 85 |
| c) -85 | d) None of these |

15. Additive inverse of zero is _____.

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| a) 0 | b) 1 |
| c) -1 | d) None of these |

16. $\{-23 - (-34)\} + \{-15 + (-25)\} = \underline{\hspace{2cm}}$.

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| a) 11 | b) 40 |
| c) 29 | d) -29 |

17. $(-23) + \underline{\hspace{2cm}} = 45$.

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| a) 86 | b) 68 |
| c) 56 | d) -68 |

18. If $a = -10$, $b = -12$ and $c = 7$, then $a + b - c = \underline{\hspace{2cm}}$.

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| a) -29 | b) -22 |
| c) -15 | d) None of these |

19. $(-56) + (\underline{\hspace{2cm}}) = (-47) + (-56)$.

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|-------|--------|
| a) 47 | b) -47 |
| c) 56 | d) -56 |

20. The difference of an integer 'a' and (-22) is 7. Find the value of 'a'.

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|-------|--------|
| a) 15 | b) 17 |
| c) 22 | d) -15 |