

## Integers Worksheet – 4

1.  $8 - (-12) = \underline{\hspace{2cm}}$ .

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|------|------------------|
| a) 4 | b) 20            |
| c) 8 | d) None of these |

2.  $-9 - (-21) = \underline{\hspace{2cm}}$ .

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|--------|--------|
| a) -19 | b) -12 |
| c) 12  | d) 21  |

3. By how much does 5 exceeds -7?

- |       |       |
|-------|-------|
| a) 7  | b) 5  |
| c) 10 | d) 12 |

4. What must be subtracted from -5 to get -15?

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|-------|--------|
| a) 10 | b) -15 |
| c) 20 | d) -20 |

5. On subtracting 6 from -16, we get \_\_\_\_\_.

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|--------|--------|
| a) -16 | b) 22  |
| c) -10 | d) -22 |

6. On subtracting -21 from -35, we get \_\_\_\_\_.

- |        |                  |
|--------|------------------|
| a) -41 | b) -14           |
| c) -56 | d) None of these |

7. Which of the following is a correct statement?

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|----------------|-----------------|
| a) $-11 > -9$  | b) $-21 > 21$   |
| c) $-15 < -10$ | d) $-10 =  10 $ |

8.  $0 \div (-15) = \underline{\hspace{2cm}}$ .

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|------|------------------|
| a) 1 | b) -15           |
| c) 0 | d) None of these |

9.  $(-36) \div (-4) = \underline{\hspace{2cm}}$ .

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|------|-------|
| a) 1 | b) -9 |
| c) 4 | d) 9  |

10. The sum of two integers is -10. If one of them is 16, then the other integer is \_\_\_\_\_.

- a) 26
- b) -26
- c) 10
- d) -16

11. Additive inverse of -15 is \_\_\_\_\_.

- a) -15
- b) 0
- c) 15
- d) None of these

12.  $(-25) \times 8 + (-25) \times 2 =$  \_\_\_\_\_.

- a) 250
- b) -200
- c) 200
- d) -250

13.  $(-22) \times 6 - (-22) \times 4 =$  \_\_\_\_\_.

- a) 22
- b) -44
- c) 44
- d) -22

14.  $(-45) \times$  \_\_\_\_\_  $= 45$ .

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

15.  $(-27) \div 0 = 0$ . Mark True / False.

- a) True
- b) False

16. \_\_\_\_\_  $\div 35 = 0$ .

- a) 1
- b) 35
- c) 0
- d) -1

17.  $|-8| = 8$  and  $|8| = -8$ . Mark True / False.

- a) True
- b) False

18. If 'a' and 'b' are two integers then  $a \div b$  must be an integer. Mark True / False.

- a) True
- b) False

19. 8 and  $1/8$  are multiplicative inverse of each other. Mark True / False

- a) True
- b) False

20. In general  $(a \times b) \times c = a \times (b \times c)$ . Mark True / False.

- a) True
- b) False