Integers Worksheet – 2

1. The product of a positive and negative integer is positive. Mark True / False.

a)   True

b)   False

2. The product of two negative integers is a positive integer. Mark True / False.

a)   True

b)   False

3. The product of five negative integers is a positive integer. Mark True / False.

a)   True

b)   False

4. Multiplicative inverse of an integer is -1. Mark True / False.

a)   True

b)   False

5. Multiplicative identity of an integer is 1. Mark True / False.

a)   True

b)   False

6. $(-525) \times 0 =$ _____.

a)   -525

b)   525

c)   0

d)   None of these

7. $(-5) \times 11 =$ _____.

a)   55

b)   -55

c)   50

d)   -45

8. $(-25) \times 1 \times (-1) =$ _____.

a)   25

b)   -1

c)   -25

d)   None of these

9. What will be the sign of the product if we multiply 60 negative integers and 5 positive integers?

a)   Negative

b)   Positive

c)   Both a and b

d)   None of these

10. $(-5) \times (-4) \times (-6) =$ _____.

a)   120

b)   24

c)   -120

d)   None of these

11. What will be the sign of the product if we multiply 75 negative integers and 10 positive integers?

a)   Negative

b)   Positive

c)   Both a and b

d)   None of these

12. (-1) x (-1) x (-1) x … 100 times is equal to -100, mark True / False.

a)   True

b)   False

13. (-90) x ____ = 450.

a)   5

b)   45

c)   9

d)   -5

14. (-12) x ____ = 12.

a)   0

b)   1

c)   -1

d)   None of these

15. (-5) x (-7) = (-7) x ____.

a)   -5

b)   5

c)   -7

d)   7

16. (-5) x {(-4) + (-3)} = (-5) x (-4) + ____ x (-3).

a)   5

b)   -5

c)   4

d)   -3

17. (-8) x {___ + (-5)} = (-8) x 7 + (-8) x (-5).

a)   -5

b)   -7

c)   -8

d)   7

18. If a = -10, b = -12 and c = 7, then a x (b + c) = _____.

a)   -50

b)   50

c)   -70

d)   None of these

19. Multiplicative inverse of -1 is equal to _____.

a)   1

b)   2

c)   0

d)   -1

20. {(-5) x 6} x (-7) = ___ x {6 x (-7)}.

a)   5

b)   7

c)   -5

d)   6