

## Grade 7 Integers Worksheets

### Grade 7 Maths Integers Multiple Choice Questions (MCQs)

1. **5 added to -5 gives:**

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

2. **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

3. **Absolute value of -11 is:**

- (a) 10
- (b) -1
- (c) 11
- (d) -11

4. **Which of the following numbers is to the right of -3 on number line?**

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

5. **Sum of two negative integers is always:**

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

6. **Which of the following numbers is greater than -1?**

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

7. **Which number is 5 more than -3?**

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

8. **The integer succeeding -9 is:**

- (a) -10

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

**9. 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

**10. 7 added to -1 gives:**

- (a) 6
- (b) -6
- (c) -8
- (d) 8

**11. Sum of -10, -5 and 12 is:**

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

**12. Which of the followings is in increasing order?**

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

**13. Sum of -36 and 29 is:**

- (a) -65
- (b) 65
- (c) -7
- (d) 7

**14. What will be the additive inverse of -1?**

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

**15. The pair of integers whose sum is -5:**

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

**16. The value of  $6 - (-3)$  is:**

- (a) 3
- (b) -9
- (c) -3
- (d) 9

17. **Multiplication of -2, -7 and -10 gives:**

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

18. **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

19. **Which number is multiplicative identity for the whole numbers?**

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

20.  **$125 \div (-25)$  is equal to:**

- (a) 1
- (b) 5
- (c) -5
- (d) 100

Grade 7 Maths Intege Fill in the blanks

1.  $30 \div \dots\dots\dots = 3$
2.  $-89 \div \dots\dots\dots = 89$
3.  $\dots\dots\dots \div 1 = -205$
4.  $\dots\dots\dots \times (-12) = 120$
5.  $24 + 12 \div 4 - 5 \times 3 = \dots\dots\dots$

Grade 7 Maths Integers Match The Properties Of Integers

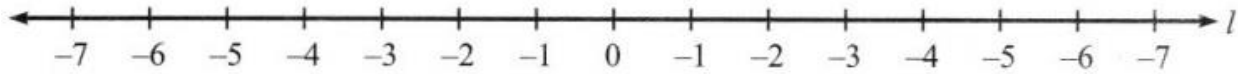
|                                       |                                                    |
|---------------------------------------|----------------------------------------------------|
| 1. Distributive law over addition     | a. $a + 0 = a = 0 + a$                             |
| 2. Associative law for multiplication | b. $a + b = b + a$                                 |
| 3. Additive Identity                  | c. $(a \times b) \times c = a \times (b \times c)$ |
| 4. Commutative law over addition      | d. $a \times 1 = 1 \times a = a$                   |
| 5. Multiplicative Identity            | e. $a \times (b + c) = a \times b + a \times c$    |

Grade 7 Maths Integers Very Short Answer Type Questions

1. Find the value of p, if  $p \times (-9) = 135$
2. Use the sign of  $>$ ,  $<$  or  $=$  in the box to make the statement true.  
 $25 - 40 + 10 \square 25 - 40 - 10$
3. Evaluate :

$$(-1) \times (-2) \times (-3) \times (-4) \times (-5)$$

4. With the help of number line find how much greater is the number 3 than -3



5. Pallavi got a scholarship of ₹ 1000 from her school. If she gives ₹ 550 for the help of flood relief, find the balance amount with her.

6. A building has 21 m height. A monkey can climb 3m in one jump. In how many jumps, would the monkey reach at the top of the building?

### Grade 7 Maths Integers Short Answer Type Questions

1. An elevator descends into a mine shaft at the rate of 7m/min. If the descent starts from 5m above the ground level, how long will it take to reach -205 m?

2. The sum of two integers is -1500. One of the number is 599. Find the other number.

3. The product of two integers is -160. If one of them is 20, find the other.

4. What integers should be multiplied by (-12) to becomes -300?

### Grade 7 Maths Integers Long Answer Type Questions

1. In a quiz, team A scored -30, 10, 5 and team B scored 10, 5, -30 in three successive rounds. Which team scored more?

2. In a test (+5) marks are given for every correct answer and (-2) marks are given for every incorrect answer.

(i) Neha answered all the questions and scored 30 marks though she got 10 correct answers.

(ii) Ajay also answered all the questions and scored (-12) marks though he got 4 correct answers. How many incorrect answers had they attempted?

3. A shopkeeper earns a profit of ₹ 1 by selling one pen and incurs a loss of 40 paise per pencil while selling pencils of her old stock.

(i) In a particular month, she incurs a loss of ₹ 5. In this period, she sold 45 pens. How many pencils did she sell in this period?

(ii) In the next month, she earns neither profit nor loss. If she sold 70 pens, how many pencils did she sell?