

**Q1. Find the integer that should be added to each of the following to get zero.**

a. -64

Answer: \_\_\_\_\_

b. 35

Answer: \_\_\_\_\_

c. -5

Answer: \_\_\_\_\_

**Q2. Find the value of  $-2 - (-3)$  using number line.**

**Q3. Find an integer whose product with  $-1$  is:**

a. -7

Answer: \_\_\_\_\_

b. 11

Answer: \_\_\_\_\_

c. 122

Answer: \_\_\_\_\_

**Q4. An elevator descends towards a mine at 4 m per minute. If it starts from the ground level, what will be its position after 30 minutes?**

Answer: \_\_\_\_\_

**Q5. Fill in the blanks:**

a.  $-7 + \underline{\hspace{2cm}} = -21$

b.  $-8 \times \underline{\hspace{2cm}} = -720$

c.  $0 - \underline{\hspace{2cm}} = 12$

d.  $-243 \div -1 = \underline{\hspace{2cm}}$

**Q6. What will be the sign(Positive or Negative) of the product of:**

a. 3 negative integers and 2 positive integers: \_\_\_\_\_

b. 2 negative integers and 8 positive integers: \_\_\_\_\_

c. 5 negative integers and 3 positive integers: \_\_\_\_\_

**Q7. Divide the sum of  $-417$  and  $-78$  by  $-11$ .**

Answer: \_\_\_\_\_

**Q8. Solve and match the following:**

$\{(-8) \times 11 + 73 \times (-85)\} \times 0$	$-20000$
$200 \times 100 - 200 \times 200$	$-100$
$(-400) \div (-200 \div 100)$	$0$
$(3800/380) \times (-10)$	$200$

**Q9. In a test containing 10 questions, 5 marks are awarded for every correct answer and  $(-2)$  for every incorrect answer. For every question that is not attempted, zero marks are awarded. Find the final marks of the following students if the correct, incorrect and un-attempted questions are as follow:**

Name of the student	Correct answers	Incorrect answers	Questions not attempted	Final Marks
Rajan	6	3	1	_____
Sudhir	8	2	0	_____
Kiran	7	2	1	_____

**Q10. Simplify:**

a.  $-1 \times [\{(-783) \div (-3) + 4\} + \{20 \times (6 - 4 \div 2)\}]$

b.  $\{(|25| + |-25|) \div 2 \times (-3)\}$

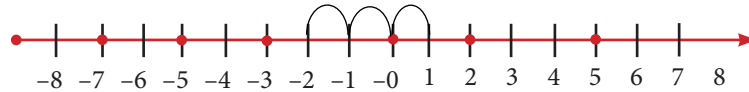
## ANSWERS

1. a. 64

b. -35

c. 5

2.



$$-2 - (-3) = -2 + 3 = 1$$

3. a. 7

b. -11

c. -122

4. -120 m or 120 m below the ground level

5. a. -14

b. 90

c. -12

d. 243

6. a. Negative

b. Positive

c. Negative

7. 45

$\{(-8) \times 11 + 73 \times (-85)\} \times 0$	0
$200 \times 100 - 200 \times 200$	-20000
$(-400) \div (-200 \div 100)$	200
$(3800/380) \times (-10)$	-100

9.	Name of the student	Correct answers	Incorrect answers	Questions not attempted	Final Marks
	Rajan	6	3	1	24
	Sudhir	8	2	0	36
	Kiran	7	2	1	31

10. a. -345

b. -75