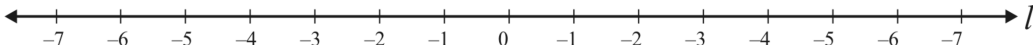


Chapter—1

Integers

- Fill in the blanks:
 - $30 \div \underline{\hspace{2cm}} = 3$
 - $-89 \div \underline{\hspace{2cm}} = 89$
 - $\underline{\hspace{2cm}} \div 1 = -205$
 - $\underline{\hspace{2cm}} \times (-12) = 120$
 - $24 + 12 \div 4 - 5 \times 3 = \underline{\hspace{2cm}}$
- Find the value of P, if $p \times (-9) = 135$
- The additive inverse of zero (0) is .
- Match the properties of Integers :

(a) Distributive law over addition	(i) $a + 0 = a = 0 + a$
(b) Associative law for multiplication	(ii) $a + b = b + a$
(c) Additive Identity	(iii) $(a \times b) \times c = a \times (b \times c)$
(d) Commutative law over addition	(iv) $a \times 1 = 1 \times a = a$
(e) Multiplicative Identity	(v) $a \times (b + c) = a \times b + a \times c$
- Use the sign of $>$, $<$ or $=$ in the box to make the statement true.
 - $25 - 40 + 10$ $25 - 40 - 10$
 - $(-9) + (-6)$ $(-9) - (-6)$
 - $35 + (-70) - (-35)$ $(-24) - (15) + 39$
- Evaluate :
 - $(-1) \times (-2) \times (-3) \times (-4) \times (-5)$
 - $795 \times (-25) + (-795) \times 75$
 - $(-59) \times (-19) + 59$
- An elevator descends in to a mine shaft at the rate of 7m/min. If he descent starts from 5m above the ground level, how long will it take to reach -205m ?
- With the help of number line find how much greater is the number 3 then -3 .

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

10. Write the answer in True/False :
- (a) When 0 is divided by an integer, the quotient is zero.
 - (b) The product of an integer and 1 is an integer.
 - (c) When an integer is divided by itself, the quotient is 1.
11. The product of two integers is -160 . If one of them is 20, find the other.
12. What integers should be multiplied by (-12) to become -300 .
13. Pallavi got the scholarship of ₹ 1000 from her school. If she gives ₹550 for the help of flood relief, find the balance amount with her.
14. A building has 21m height. A monkey can climb 3m in one jump. In how many jumps, would the monkey reach at the top of the building?
15. Fill in the blanks using different operations :

Operations	18	36	54	72
+ 25				
- 17				
× 6				
÷ 18				