S.NO	QUESTIONS
1	**Fill in the blank:** a) _____ ÷ (– 10) = 0 b) The sum of an integer and its additive inverse is _____. c) The additive inverse of – 20 + 12 is _____. d) The multiplicative inverse of (– 45) ÷ 9 is _____. e) (– 25) x (– 4) = _____ f) _____ x (– 12) = (– 60) g) _____ x (– 1) = 47 h) 65 ÷ (– 13) = _____ i) _____ ÷ (– 1) = (– 83) j) 113 ÷ _____ = – 1
2	Write a pair of integers whose product is –36 and whose difference is 15.
3	The table given below shows the elevations relative to sea level of four locations. Taking sea level as zero, answer the questions given: | Location	A	B	C	D
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Elevation (in meters)	–180 m	1600 m	–55 m	3200 m	 Which location is closest to sea level? Which location is farthest from sea level? Arrange the locations from the least to the greatest elevation.
4	Which is greater? (i) (–14 –20) + 56 or (–40 ÷ 8) x (–6) (ii) 576 + (– 413) + 40 or –300 + 212 – 38
5	A green grocer had a profit of Rs47 on Monday, a loss of Rs12 on Tuesday and loss of Rs8 on Wednesday. Find his net profit in the 3 days.
6	In a test, +3 marks are given for every correct answer and –1 mark is given for every incorrect answer. Saili attempted all the questions and scored +20 marks though she got 10 correct answers. (i) How many incorrect answers has she attempted? (ii) How many questions were given in the test?
7	Height of a place A is 1800 m above sea level and that of another place B is 700 m below sea level. What is the difference between the levels of these two places?

S.N	QUESTIONS

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8	A multistory building has 25 floors above the ground level, each of height 5m. It also has 3 floors in the basement, each of height 5m. A lift in the building moves at a rate of 1 m/sec. If a man starts from 50m above the ground, how long will it take him to reach the 2nd floor of the basement?

9	Find:
	   a) (−21) x (−30) e. (−41) ÷ [(−40) + (−1)]
	   b) 9 x (−5) x (−8) f. [(−36) ÷ 4] ÷ 3
	   c) (−6) x (−5) x 8 x (−4) g. [−120 −5] ÷ [5 x (−5)]
	   d) (−100) ÷ 5 h. [(−48) ÷ (−48)] x (−7)

10	Find the product using suitable properties:
	   a) − 39 x 99
	   b) (− 85) x 43 + 43 x (− 15)
	   c) 53 x (− 9) − (− 109) x 53
	   d) 4 x (− 78) x (− 25)
	   e) 345 x (− 99) + (− 345)

11	The product of two integers is (−182). If one of them is 13, find the other integer.
12	In a class test containing 10 questions, 4 marks are given for every correct answer and (−2) marks are given for every incorrect answer. (i) Naresh attempts all questions but only 8 of his answers are correct. What is his total score? (ii) Umesh also attempts all questions but gets only 6 answers correct. What will be his score?
13	By what number should (−162) be divided to obtain 18?
14	A submarine is diving from the surface of the water at a rate of 41 m/minute. What is the depth of the submarine after 7 minutes? Express the position of the submarine after 7 minutes as an integer.
15	An elevator descends into a shaft at the rate of 3 m/minute. If the descent starts from 40m above the ground level, how long will it take to reach 50m below the ground level?