Multiplication of integers

1. Find the products:–

A. (−18) × (15)

B. 8 × (−5) × (−11)

C. 5 × (−9) × 4

D. (−9) × (−52) × 0

E. (−35) × 35 × (−10)

F. 28 × (−175) × (−2)

2. In a class test consisting of 15 questions, 5 marks are awarded for every correct answer and 2 marks are awarded for every incorrect answer and 0 for questions not attempted.

A. Aseem get four correct and nine incorrect answers out of fourteen questions he attempted. What would be his score?

B. Nitin got nine correct and six incorrect answers. What would be his score?

C. Jannat got eleven correct and four incorrect answers. What would be his score?

3. A cement company earns a profit of ₹ 8 per bag of white cement sold. A loss of ₹ 3 per bag of gray cement sold.

A. The company sells 1800 bags of white cement and 4000 bags of gray cement in a month. What is the profit or loss earned by the company?

B. What is the number of white cement bags it must sell to have neither profit nor loss if the number of gray bags sold is 6300.

4. Match the following.

A. (−6) × 5		i.	−27
B. 4 × 0		ii.	−72
C. (−9) × 3		iii.	−16
D. (−6) × (−3)		iv.	−24
E. 8 × (−9)		v.	16
F. (−8) × 2		vi.	7
G. (−4) × (−4)		vii.	−30
H. (−4) × 6		viii.	25
I. (−1) × (−7)		ix.	18
J. (−5) × (−5)		x.	0