

Multiplication of Integers

1. Find the products:-

A. $(-18) \times (15)$

B. $8 \times (-5) \times (-11)$

C. $5 \times (-9) \times 4$

D. $(-9) \times (-52) \times 0$

E. $(-35) \times 35 \times (-10)$

F. $28 \times (-175) \times (-2)$

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 got 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.

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| A. | $(-6) \times 5$ | -27 |
| B. | 4×0 | -72 |
| C. | $(-9) \times 3$ | -16 |
| D. | $(-6) \times (-3)$ | -24 |
| E. | $8 \times (-9)$ | 16 |
| F. | $(-8) \times 2$ | 7 |
| G. | $(-4) \times (-4)$ | -30 |
| H. | $(-4) \times 6$ | 25 |
| I. | $(-1) \times (-7)$ | 18 |
| J. | $(-5) \times (-5)$ | 0 |