



# VIDYA SHREE ACADEMY

## SR. SEC. SCHOOL

An English Medium Co.Ed. School | Science & Commerce



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**Subject- Mathematics**

**Class- 7**

**Topic- Properties of Multiplication of Integers**

1. Find the product ,using suitable properties:

a)  $15 \times (-25) \times (-4) \times (-10)$

b)  $625 \times (-35) + (-625) \times 65$

2. If  $a = -1$  , $b = 1$  , $c = 2$ , verify that i)  $a \times b = b \times a$

ii)  $a \times b \times c = b \times c \times a = c \times a \times b$

iii)  $a \times (b + c) = a \times b + a \times c$

3. If an operation \* be defined as  $a * b = a \times b - (a + b)$ , Evaluate

i)  $2 * 5$

ii)  $(-4) * (-6)$

iii)  $13 * (-6)$