

Name: ..... Class: .....

## Properties of multiplication

1. Identify the multiplication property used in each expression below.

i.  $(17 + 6 + 8) \times 2 = (17 \times 2) + (6 \times 2) + (8 \times 2)$

Distributive property       zero property       commulative property

ii.  $1,978 \times 0 = 0$

Distributive property       associative property       zero property

iii.  $(42 \times 7) = (7 \times 42)$

associative property       commutative property       distributive property

iv.  $(60 \times 1) = 60$

identify property       zero property       distributive property

2. Identify the multiplication property used in each question below.

i.  $6 \times 7 = 7 \times 6$

ii.  $(12 \times 2) - (11 \times 2) = 2 \times (12 - 11)$

iii.  $15 \times 1 \times 0 = 0$

iv.  $75 \times 1 = 75$



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2. Identify the multiplication property used in each question below.

i.  $6 \times 7 = 7 \times 6$

the property is Commutative property

ii.  $(12 \times 2) - (11 \times 2) = 2 \times (12 - 11)$

the property is Distributive property

iii.  $15 \times 1 \times 0 = 0$

the property is Zero property

iv.  $75 \times 1 = 75$

the property is Identify property