

Name: Class:

Properties of multiplication

Identify the multiplication property used in each expression.

1. $50 \times (5 + 2 + 3) = (50 \times 5) + (50 \times 2) + (50 \times 3)$

2. $6 \times 7 = 7 \times 6$

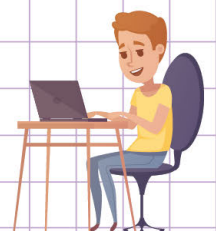
3. $(11 \times 3 \times 5) \times 7 = 11 \times (3 \times 5 \times 7)$

4. $1,000 \times 0 = 0$

5. $527 \times 1 = 527$

Match each expression below with its correct multiplication property

Expression	Property
$7 \times (6 + 5 + 2) = (7 \times 6) + (7 \times 5) + (7 \times 2)$	Identity
$6,721 \times 0 = 0$	Commutative
$(17 \times 2 \times 12) \times 6 = 17 \times (2 \times 12 \times 6)$	Associative
$200 \times 1 = 200$	Zero
$21 \times 59 = 59 \times 21$	Distributive



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1. $50 \times (5 + 2 + 3) = (50 \times 5) + (50 \times 2) + (50 \times 3)$

Distributive property

2. $6 \times 7 = 7 \times 6$

Commutative property

3. $(11 \times 3 \times 5) \times 7 = 11 \times (3 \times 5 \times 7)$

Associative property

4. $1,000 \times 0 = 0$

Zero property

5. $527 \times 1 = 527$

Identity property

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