

	Name:	Class:
	Write equivalent exp	pressions using properties
1.	Complete the expression below using equivalent expression. (4a.2).3 = 4a3 = 4a.	the given property to get its . (use associative property of multiplication)
2.	Select the property used given the exa. 1 = a	xpressions below.
	identity property of addition	identity property of multiplication
	zero propery of multiplication	distributive property
	associative property	commulative property of addition
	associative property of addition	distributive property
	a . O = O	
	zero property of multiplication	identity property of addition
	commutative property of addition	identity property of multiplication.

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	Name: Class:
	Write equivalent expressions using properties
1.	Complete the expression below using the given property to get its
	equivalent expression.
	(4a.2).3 = 4a3 = 4a (use associative property of multiplication)
	using associative property of multiplication
	solve the first two expressions first.
	that is, (4a . 2) . 3
	= 4a . ? . 3 (use the property here)
	= (4a.2).3 = 4a.2.3
	solve the last two expressions.
	4a . 2 . 3 = 4a
	multiply 2 and 3 on the left side of the expression
	4a.(2 x 3) = 4a.
	4a . 6 = 4a . <mark>6</mark>
	So, the complete expression 4a. 2 . 3 = 4a . 2 . 3 = 4a . 6 are equivalent.
2.	Select the property used given the expressions below.
	a.1=a
	identity property of addition identity property of multiplication
	zero propery of multiplication distributive property
	11 + b + 3 = b + 11 + 3 = b + 14
	associative property Commulative property of addition
	associative property of addition distributive property
	a. 0 = 0
	zero property of multiplication identity property of addition
	commutative property of addition identity property of multiplication.
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