

Name:

	Draparties of multiplication
	Properties of multiplication
a.	Which expression shows the identity property of multiplication?
	\square 2x9 = 9x2 \square 9x1 = 9 \square (9x2)x3 = (3x2) x 9 \square 2 x 0 = 0
b.	Which expression shows the commulative distribution of multiplication?
	\square 2x9 = 9x2 \square 9x1 = 9 \square (9x2)x3 = (3x2) x 9 \square 2 x 0 = 0
C.	Which expression shows the associative property of multiplication?
	$2 \times 9 = 9 \times 2$ $9 \times 1 = 9$ $(9 \times 2) \times 3 = (3 \times 2) \times 9$ $2 \times 0 = 0$
d.	Which expression shows the distributive property of multiplication?
	2x9 = 9x2 $(9x2)x3 = (3x2)x9$ $2x(4+7) = (2x4) + (2x7)$
	Identify the multiplication property used in each question below.
9.	6 x 1 = 6 ; the property is
f.	$a \times (b \times c) = (a \times b) \times c$; the property is
	ax(bxc) + (axb)xc, the property is
3 .	$9 \times (3 + 7) = (9 \times 3) + (9 \times 7)$; the property is
1.	$-8 = -8 \times 1$; the property is
i.	50 x 520 = 520 x 50 ; the property is

Class:

© http://mathskills4kids.com



mathskills4kids

a.

b.

C.

d.

e.

f.

g.

h.

i.

50 x 520 = 520 x 50

the property is_

commutative

			Pr	op	ert	tie	s o	of r	nul	tip	olic	ati	on								
Vhich expression	sho	ow.	s tl	ne i	ide	nti	ty (orc	ре	rty	of	mu	ıltip	olic	atio	on?					
2x9 = 9x2	V	9x	1 =	9			(9	9x2	2)x3	3 =	(3)	(2)	x S)		2 ×	0	= C)		
Which expression	sh	ow	s tl	ne	COI	mm	nula	ativ	e c	list	rib	utio	on (of r	nul	tip	lica	atic	n?		
2x9 = 9x2		9x	1 =	9			(!	9x2	2)x3	3 =	(3:	×2)	x S)		2 :	x O	= ()		
Vhich expression	sho	ow.	s tl	ne a	ass	ос	iati	ve	pro	pe	rty	of	mı	alti	olic	ati	on	?			
2x9 = 9x2		9x	1 =	9		V	(9x2	2)x3	3 =	(3:	×2)	x S)		2 :	x O	= ()		
Vhich expression	sh	ow	s tl	ne	dis	trik	out	ive	pr	ope	ert	y of	f m	ulti	pli	cat	ion	?			
2x9 = 9x2		(9)×2)x3	5 =	(3>	(2)	x S)	V	2	x (4	4 +	7) =	= (2	2×4) +	(2)	×7)		
dentify the multip	olica	atio	on	pro	pe	erty	/ us	sed	in	ea	ch (que	esti	on	be	low	/.				
x 1 = 6																					
the property is			ide	ent	ity																
x (bxc) = (ax	b) >	кс																			
the property is		a:	ssic	ocia	ativ	/e															9
x(3 + 7) = (9x)																					
the property is		di	istr	ubi	utiv	ve_													A THE	Tus	