

	Ν	Name:									Class:																							
		Understanding exponents																																
a.	WI	nic	h	of	th	e f	oll	٥١	wir	ng	is	equ	ıal	to	5 x	5 1	?																	
		5	2				5¹	L				5 <sup>3</sup>				54																		
b.	WI	nic	h	of	th	ne f	oll	٥١	wir	ng	is	equ	ıal	to	<b>3</b> 5 ?																			
		3	X	3				] 3	3 ×	3>	(3)	x 3 :	x 3				3					3	x3	3 x	3:	x 3	x 3	×.	3×	(3				
c.	Wł	nic	h	of	th	e f	oll	ΟV	vir	ng	is (	equ	ıal	to	6 <sup>11</sup> ?	>																		
		6	X	11			6	x (	6 x 1	6			6	x 1			6	x E	S x	6>	6	x 6	× 6	6 x	6	x 6	× 6	i x	6	x 6				
d.	WI	hic	h	of	fth	ne f	foll	01	wir	ng	is	eqı	ual	to	10¹	?																		
		10	)				10	<b>)</b>	× 1	0			1				1:	x 1	x 1	lx1	l×1	x 1	<b>x</b> 1	x	1x	1×	1							
e.	Wł	nic	h	of	th	e f	oll	٥١	wir	ng	is (	equ	ıal	to	8 x	8 >	<b>8</b>	×	8	?														
			X				8			_		8				Y	x 8				x 8	x 8	3 x	8						12		ger .		
f.	Eva	alu	ıat	:e	th	e f	ollo	ΟW	/in	g	exp	or	en	t e	xpr	ess	ioi	ns																
	12	2 =													7 ×	7	× 7	7 ×	7	X	7 x	7	x 7	7 x	7	× ·	7 ×	7	=					
	20	=													13	× 1.	3 x	13	3 =															
	20	1 =							_						11 >	< 11	x 1	11 :	× 1	1 x	11	× 1	1 x	: 11	=									
	95	=													15	× 1.	5 x	15	5 x	: 15	5 =													
	10	x 1	0	X	10	=									50	x !	50	=																
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	Understanding exponents														
a.	Which of the following is equal to	5 x 5 ?													
	$5^2 \qquad \boxed{5^3}$	□ 5 <sup>4</sup>													
b.	Which of the following is equal to	35?													
	□ 3 × 3	□ 3 □ 3×3×3×3×3×3													
c.	Which of the following is equal to (	611?													
	□ 6 x 11 □ 6 x 6 x 6 □ 6 x 1	<b>✓</b> 6×6×6×6×6×6×6×6×6													
d.	Which of the following is equal to	101?													
	▼ 10 □ 10 × 10 □ 1	□ 1x1x1x1x1x1x1x1x1x1													
e.	Which of the following is equal to	8 x 8 x 8 x 8 ?													
	□ 8 x 8	□ 8×8×8×8×8×8×8													
f.	Evaluate the following exponent ex	expressions.													
	12 <sup>2</sup> = 12 x 12	$7 \times 7 \times$													
	20 = 1	$13 \times 13 \times 13 = 13^3$													
	201 = 20	11 × 11 × 11 × 11 × 11 × 11 × 11 = 11 <sup>7</sup>													
	$9^5 = 9 \times 9 \times 9 \times 9 \times 9$	15 x 15 x 15 x 15 = 15 <sup>4</sup>													
	$10 \times 10 \times 10 = 10^3$	$50 \times 50 = 50^2$													