	dices MNA182 - Ass	sessr	nent				Í	Teachers Teaching with Technology " Professional Development from Texas Instruments		
Na	ame:					1	\sim	200		
	7891	0 1	1 12		Navigator	Ass	sessment	Student	25 min	
Question: 1 What does 6^4 mean?										
a)	6+6+6+6	b)	4×6	c)	4×4×4×4×4×4	d)	б×б×б×б	e)	4×(6+6+6+6)	
Question: 2 Which one of the following shows the correct simplification of $a^2 \times a^3$?										
a)	a^{5}	b)	a^6	c)	$(a^2)^3$	d)	$2a^5$	e)	$2a^6$	
Question: 3 Which one of the following shows a correct simplification of $a^2 + a^3 + a^3$										
a)	a^{*}	b)	a^{18}	c)	$3a^8$	u)	$a^{2} + 2a^{3}$	e)	$a^2 + 2a^6$	
Question: 4 Which one of the following shows a correct simplification of $2x^3 \times 3x^4$										
						$\langle 3x^{+} $	<i>с</i> 7		4	
a)	$6x^{12}$	b)	$5x^{12}$	c)	$5x^7$	u)	$6x^7$	e)	$\left(6x^{3}\right)^{4}$	
Question: 5 What does $2a^2 \times 4b^3$ equal?										
a)	$8(ab)^{5}$	b)	$8(ab)^{6}$	c)	$6(ab)^{5}$	d)	$6a^2b^3$	e)	$8a^2b^3$	
Question: 6 Which one of the following is equal to: $\frac{2^5 \times 5^4}{2^2 \times 5^2}$?										
a)	10 ⁵		$1^{3} \times 1^{2}$		$2^3 \times 5^2$	d)	10 ⁶	e)	7 ⁵	
Question: 7 $\frac{b^6}{b^2}$ can also be written as:										
a)	b^2	b)	b^{-4}	c)	b^4	d)	b^{8}	e)	3	

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e) $x^2 yz$

Question: 8

$6a^{\circ} \times 3b^{\circ}$ is equal to:									
a)	0	b)	1	c)	9	d)	18	e)	None of these
Question: 9 Which one of the following is <u>not</u> equivalent to: $8y^9$?									
a)	$2y^6 \times 4y^3$	b)	$4y^6 + 4y^3$	c)	$8y^8 \times y$	d)	$8y^5 \times y \times y^3$	e)	$4y^9 + 4y^9$
Question: 10									

Question: 10

$$\frac{x^{2}y^{3}z}{x^{6}y^{7}z^{2}} \times \frac{x^{7}y^{10}z^{4}}{xy^{6}z^{2}}$$
 is equal to:
a) x^{3} b) $\frac{x^{8}}{y^{12}}$ c) $\frac{1}{x^{2}z^{2}}$ d) $x^{2}z$

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