	Finding Asso	ociative Pr	operty Name:	
Dete	ermine which choice is not an equivaler	nt equation		Answers
1)	Which expression is not equal to $(8 \times 4) \times 3$	2)	Which expression is not equal to $(9 \times 6) \times 8$	1.
	$(3 \times 4) \times 3$ A. 8 + (4 × 3)		$A. 9 \times (6 \times 8)$	1
	B. 32×3		$B. 54 \times 8$	2.
	$C. 8 \times 12$		C. 9 × 48	2
	D. $8 \times (4 \times 3)$		$D. 9 \times 54$	3
3)	Which expression is not equal to	4)	Which expression is not equal to	4.
	7 imes ($8 imes 10$)		$(7 \times 4) \times 9$	
	A. (7×8) $\times 10$		A. $7 \times (4 \times 9)$	5.
	B. 48 × 10		B. 7 + (4×9)	
	C. 56 × 10		C. 7 × 36	6.
	D. 7 × 80		D. 28 × 9	
5)	Which expression is not equal to	6	Which approaching is not equal to	7
5)	Which expression is not equal to $3 \times (4 \times 5)$	6)	Which expression is not equal to $(10 \times 6) \times 8$	
	$A. (3 \times 4) \times 5$		$(10 \times 0) \times 8$ A. 10 + (6 × 8)	8.
	$\mathbf{B}.\ 3\times 20$		B. $10 \times (6 \times 8)$	
	B. 3 × 20 C. 3 × 16		$\begin{array}{c} \text{B. 10} \times (0 \times 8) \\ \text{C. 60} \times 8 \end{array}$	9.
	D. 12×5		D. 10×48	
	$\mathbf{D}.\ 12\times5$		D. 10 × 48	10
7)	Which expression is not equal to	8)	Which expression is not equal to	
	$(8 \times 5) \times 10$		$(2 \times 5) \times 8$	11
	A. $8 \times (5 \times 10)$		A. $2 + (5 \times 8)$	
	B. $8 + (5 \times 10)$		B. 10 × 8	12
	C. 8×50		C. 2×40	
	D. 40 × 10		D. $2 \times (5 \times 8)$	
9)	Which expression is not equal to	10)	Which expression is not equal to	
	$10 \times (7 \times 9)$		$3 \times (10 \times 6)$	
	A. 63×9		A. $(3 \times 10) \times 6$	
	B. $(10 \times 7) \times 9$		B. 3×60	
	C. 70×9		C. 3×70	
	D. 10 × 63		D. 30×6	
11)	Which expression is not equal to	12)	Which expression is not equal to	
	$5 \times (9 \times 10)$		$(4 \times 3) \times 2$	
	A. 5×90		A. 4×3	
	B. $(5 \times 9) \times 10$		B. 4×6	
	C. $(5+9) \times 10$		C. 12×2	
	D. 45×10		D. $4 \times (3 \times 2)$	
	Math www.CommonCoreShe	ets com	5 ¹⁻¹⁰ 92 83 75 67 11-12 8 0	58 50 42 33 25 17

	Finding Ass	sociative Pr	roperty Name: Ans	wer Key	
Determine which choice is not an equivalent equation.					
1)	Which expression is not equal to $(8 \times 4) \times 3$ A. 8 + (4 × 3) B. 32 × 3 C. 8 × 12 D. 8 × (4 × 3)	2)	Which expression is not equal to $(9 \times 6) \times 8$ A. $9 \times (6 \times 8)$ B. 54×8 C. 9×48 D. 9×54	1. <u>A</u> 2. <u>D</u> 3. <u>B</u>	
3)	Which expression is not equal to $7 \times (8 \times 10)$ A. $(7 \times 8) \times 10$ B. 48×10 C. 56×10 D. 7×80	4)	Which expression is not equal to $(7 \times 4) \times 9$ A. $7 \times (4 \times 9)$ B. $7 + (4 \times 9)$ C. 7×36 D. 28×9	4. B 5. C 6. A 7. B	
5)	Which expression is not equal to $3 \times (4 \times 5)$ A. $(3 \times 4) \times 5$ B. 3×20 C. 3×16 D. 12×5	6)	Which expression is not equal to $(10 \times 6) \times 8$ A. $10 + (6 \times 8)$ B. $10 \times (6 \times 8)$ C. 60×8 D. 10×48	7. D 8. A 9. A 10. C	
7)	Which expression is not equal to (8×5)×10 A. 8×(5×10) B. 8+(5×10) C. 8×50 D. 40×10	8)	Which expression is not equal to $(2 \times 5) \times 8$ A. 2 + (5 × 8) B. 10 × 8 C. 2 × 40 D. 2 × (5 × 8)	11. <u>C</u> 12. <u>A</u>	
9)	Which expression is not equal to $10 \times (7 \times 9)$ A. 63×9 B. $(10 \times 7) \times 9$ C. 70×9 D. 10×63	10)	Which expression is not equal to $3 \times (10 \times 6)$ A. $(3 \times 10) \times 6$ B. 3×60 C. 3×70 D. 30×6		
11)	Which expression is not equal to $5 \times (9 \times 10)$ A. 5×90 B. $(5 \times 9) \times 10$ C. $(5+9) \times 10$ D. 45×10 Math	12)	$(4 \times 3) \times 2$ A. 4 × 3 B. 4 × 6 C. 12 × 2 D. 4 × (3 × 2)	58 50 42 33 25 17	