Finding Associative Property Name: Determine which choice is not an equivalent equation. Name:				
1)	Which expression is not equal to	2)	Which expression is not equal to	
	$(3 \times 6) \times 9$		$6 \times (10 \times 3)$	1
	A. $3 \times (6 \times 9)$		A. 6×20	
	B . 12×9		B. (6×10) $\times 3$	2.
	C. 18 × 9		C. 60×3	
	D. 3 × 54		D. 6 × 30	3
3)	Which expression is not equal to $5 - (2 - 2)$	4)	Which expression is not equal to $(2 - 2)$	4
	$5 \times (2 \times 3)$		$6 \times (9 \times 2)$	
	A. 5×6		A. $(6 \times 9) \times 2$ B. $(6 \times 9) \times 2$	5
	B. 5×8		B. $(6+9) \times 2$	
	C. $(5 \times 2) \times 3$		C. 54×2	6
	D. 10 × 3		D. 6 × 18	
-				7
5)	Which expression is not equal to $(2 \times 7) \times 10$	6)	Which expression is not equal to $(5 \times 10) \times 4$	
	$(8 \times 7) \times 10$		$(5 \times 10) \times 4$ A. 50×4	8.
	A. $8 \times (7 \times 10)$ B. 56×10			
			B. $5 + (10 \times 4)$ C. 5×40	9.
	$C. 8 \times 70$			
	D. 8 × 77		D. $5 \times (10 \times 4)$	10
7)	Which expression is not equal to	8)	Which expression is not equal to	
	$2 \times (3 \times 6)$		$9 \times (2 \times 10)$	11
	A. 2×18		A. 18×10	
	B. 6×6		B. 9 × 18	12
	C. $(2+3) \times 6$		C. 9 × 20	
	D. $(2 \times 3) \times 6$		D. $(9 \times 2) \times 10$	
9)	Which expression is not equal to	10)	Which expression is not equal to	
	$(5 \times 3) \times 7$		$(3 \times 10) \times 6$	
	A. 5×21		A. $3 \times (10 \times 6)$	
	B. $5 \times (3 \times 7)$		B. 20×6	
	C. 15 × 7		C. 3×60	
	D. $5 + (3 \times 7)$		D. 30×6	
1)	Which expression is not equal to $(2 - 2)^{-1}$	12)	Which expression is not equal to	
	$10 \times (7 \times 3)$		$10 \times (5 \times 6)$	
	A. $(10 \times 7) \times 3$		A. 10×30	
	B. 10 × 21		B. $(10 \times 5) \times 6$	
	C. 70×3		$C. 50 \times 6$	
	D. 63×3		D. $(10+5) \times 6$	

	Finding Asso	ociative Pr	roperty Name: An	iswer Key
Dete	ermine which choice is not an equivalen	nt equation	•	Answers
1)	Which expression is not equal to $(3 \times 6) \times 9$ A. $3 \times (6 \times 9)$ B. 12×9 C. 18×9	2)	Which expression is not equal to $6 \times (10 \times 3)$ A. 6×20 B. $(6 \times 10) \times 3$ C. 60×3	1. <u>B</u> 2. <u>A</u>
	D. 3×54		D. 6×30	3. B
3)	Which expression is not equal to $5 \times (2 \times 3)$	4)	Which expression is not equal to $6 \times (9 \times 2)$	4. <u>B</u>
	A. 5×6 B. 5×8 C. $(5 \times 2) \times 3$		A. $(6 \times 9) \times 2$ B. $(6+9) \times 2$ C. 54×2	5. D 6. B
5)	D. 10×3 Which expression is not equal to $(8 \times 7) \times 10$	6)	D. 6×18 Which expression is not equal to $(5 \times 10) \times 4$	7. <u>C</u> 8 B
	A. $8 \times (7 \times 10)$ B. 56×10 C. 8×70 D. 8×77		A. 50×4 B. $5 + (10 \times 4)$ C. 5×40 D. $5 \times (10 \times 4)$	9. D
7)	Which expression is not equal to $2 \times (3 \times 6)$ A. 2×18 B. 6×6	8)	Which expression is not equal to $9 \times (2 \times 10)$ A. 18×10 B. 9×18	10. <u>B</u> 11. <u>D</u> 12. <u>D</u>
	C. $(2+3) \times 6$ D. $(2 \times 3) \times 6$		C. 9 × 20 D. (9 × 2) × 10	
9)	Which expression is not equal to $(5 \times 3) \times 7$ A. 5×21 B. $5 \times (3 \times 7)$ C. 15×7 D. $5 + (3 \times 7)$	10)	Which expression is not equal to $(3 \times 10) \times 6$ A. $3 \times (10 \times 6)$ B. 20×6 C. 3×60 D. 30×6	
11)	Which expression is not equal to $10 \times (7 \times 3)$ A. $(10 \times 7) \times 3$ B. 10×21 C. 70×3 D. 63×3	12)	Which expression is not equal to $10 \times (5 \times 6)$ A. 10×30 B. $(10 \times 5) \times 6$ C. 50×6 D. $(10+5) \times 6$	
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