	Finding Asso	ociative Pr	operty Name:	
Dete	Answers			
1)	Which expression is not equal to $(8 \times 6) \times 10$ A. $48 \times 10$ B. $54 \times 10$ C. $8 \times 60$ D. $8 \times (6 \times 10)$	2)	Which expression is not equal to $5 \times (6 \times 10)$ A. $36 \times 10$ B. $30 \times 10$ C. $5 \times 60$ D. $(5 \times 6) \times 10$	1.
3)	Which expression is not equal to $4 \times (3 \times 10)$ A. $4 \times 30$ B. $4 \times 33$ C. $(4 \times 3) \times 10$ D. $12 \times 10$	4)	Which expression is not equal to $4 \times (10 \times 5)$ A. $30 \times 5$ B. $4 \times 50$ C. $40 \times 5$ D. $(4 \times 10) \times 5$	4 5 6
5)	Which expression is not equal to $(8 \times 5) \times 6$ A. $8 \times 30$ B. $40 \times 6$ C. $8 + (5 \times 6)$ D. $8 \times (5 \times 6)$	6)	Which expression is not equal to $7 \times (6 \times 9)$ A. $7 \times 54$ B. $(7 \times 6) \times 9$ C. $42 \times 9$ D. $36 \times 9$	7.
7)	Which expression is not equal to ( $7 \times 10$ ) $\times 2$ A. $7 \times 20$ B. $7 \times (10 \times 2)$ C. $70 \times 2$ D. $80 \times 2$	8)	Which expression is not equal to $9 \times (6 \times 4)$ A. $9 \times 24$ B. $54 \times 4$ C. $(9 \times 6) \times 4$ D. $(9+6) \times 4$	11 12
9)	Which expression is not equal to $(8 \times 7) \times 9$ A. $8 \times 63$ B. $8 + (7 \times 9)$ C. $56 \times 9$ D. $8 \times (7 \times 9)$	10)	Which expression is not equal to $7 \times (3 \times 2)$ A. $7 \times 6$ B. $(7 \times 3) \times 2$ C. $18 \times 2$ D. $21 \times 2$	
11)	Which expression is not equal to $4 \times (2 \times 7)$ A. $(4 \times 2) \times 7$ B. $4 \times 14$ C. $4 \times 12$ D. $8 \times 7$	12)	Which expression is not equal to $(4 \times 6) \times 8$ A. $4 \times 48$ B. $4 + (6 \times 8)$ C. $4 \times (6 \times 8)$ D. $24 \times 8$	

 1-10
 92
 83
 75
 67
 58
 50
 42
 33
 25

 11-12
 8
 0

17

Math

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	Finding As	sociative Pr	operty Name:	Answer	Key		
Determine which choice is not an equivalent equation.							
1)	Which expression is not equal to ( $8 \times 6$ ) $\times 10$ A. $48 \times 10$ B. $54 \times 10$	2)	Which expression is not equal to $5 \times (6 \times 10)$ A. $36 \times 10$ B. $30 \times 10$		1. <b>B</b> 2. <b>A</b>		
	C. 8 × 60 D. 8 × ( 6 × 10 )		C. $5 \times 60$ D. $(5 \times 6) \times 10$		3. <b>B</b>		
3)	Which expression is not equal to $4 \times (3 \times 10)$ A. $4 \times 30$	4)	Which expression is not equal to $4 \times (10 \times 5)$ A. $30 \times 5$		4. <u>A</u>		
	B. $4 \times 33$ C. $(4 \times 3) \times 10$ D. $12 \times 10$		B. $4 \times 50$ C. $40 \times 5$ D. $(4 \times 10) \times 5$		5. <u>C</u> 6. <u>D</u>		
5)		6)	Which expression is not equal to $7 \times (6 \times 9)$		7. <u>D</u>		
	A. $8 \times 30$ B. $40 \times 6$ C. $8 + (5 \times 6)$		A. $7 \times 54$ B. $(7 \times 6) \times 9$ C. $42 \times 9$		8. <u>D</u> 9. <u>B</u>		
7)	D. $8 \times (5 \times 6)$ Which expression is not equal to	8)	D. $36 \times 9$		10. <u>C</u>		
7)	Which expression is not equal to $(7 \times 10) \times 2$ A. $7 \times 20$ B. $7 \times (10 \times 2)$ C. $70 \times 2$ D. $80 \times 2$	8)	Which expression is not equal to $9 \times (6 \times 4)$ A. $9 \times 24$ B. $54 \times 4$ C. $(9 \times 6) \times 4$ D. $(9+6) \times 4$		11. <u>C</u> 12. <u>B</u>		
9)	Which expression is not equal to $(8 \times 7) \times 9$ A. $8 \times 63$ B. $8 + (7 \times 9)$ C. $56 \times 9$ D. $8 \times (7 \times 9)$	10)	Which expression is not equal to $7 \times (3 \times 2)$ A. $7 \times 6$ B. $(7 \times 3) \times 2$ C. $18 \times 2$ D. $21 \times 2$				
11)	Which expression is not equal to $4 \times (2 \times 7)$ A. $(4 \times 2) \times 7$ B. $4 \times 14$ C. $4 \times 12$ D. $8 \times 7$	12)	Which expression is not equal to $(4 \times 6) \times 8$ A. $4 \times 48$ B. $4 + (6 \times 8)$ C. $4 \times (6 \times 8)$ D. $24 \times 8$				

Math

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