**Determine which choice is not an equivalent equation.**

1) Which expression is not equal to
   $( 6 \times 10 ) \times 4$
   A. $6 \times 40$
   B. $6 \times ( 10 \times 4 )$
   C. $6 + ( 10 \times 4 )$
   D. $60 \times 4$

2) Which expression is not equal to
   $8 \times ( 3 \times 5 )$
   A. $( 8 \times 3 ) \times 5$
   B. $24 \times 5$
   C. $8 \times 15$
   D. $( 8 + 3 ) \times 5$

3) Which expression is not equal to
   $2 \times ( 9 \times 5 )$
   A. $18 \times 5$
   B. $27 \times 5$
   C. $( 2 \times 9 ) \times 5$
   D. $2 \times 45$

4) Which expression is not equal to
   $( 6 \times 7 ) \times 8$
   A. $42 \times 8$
   B. $6 + ( 7 \times 8 )$
   C. $6 \times ( 7 \times 8 )$
   D. $6 \times 56$

5) Which expression is not equal to
   $2 \times ( 3 \times 9 )$
   A. $2 \times 30$
   B. $( 2 \times 3 ) \times 9$
   C. $2 \times 27$
   D. $6 \times 9$

6) Which expression is not equal to
   $( 6 \times 8 ) \times 4$
   A. $6 \times ( 8 \times 4 )$
   B. $48 \times 4$
   C. $56 \times 4$
   D. $6 \times 32$

7) Which expression is not equal to
   $( 2 \times 3 ) \times 8$
   A. $6 \times 8$
   B. $2 \times ( 3 \times 8 )$
   C. $2 + ( 3 \times 8 )$
   D. $2 \times 24$

8) Which expression is not equal to
   $( 4 \times 6 ) \times 3$
   A. $4 \times 18$
   B. $24 \times 3$
   C. $4 \times 24$
   D. $4 \times ( 6 \times 3 )$

9) Which expression is not equal to
   $( 3 \times 6 ) \times 4$
   A. $3 \times 24$
   B. $24 \times 4$
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   A. $7 \times 48$
   B. $7 \times 40$
   C. $56 \times 6$
   D. $7 \times ( 8 \times 6 )$

12) Which expression is not equal to
   $10 \times ( 6 \times 5 )$
   A. $( 10 + 6 ) \times 5$
   B. $( 10 \times 6 ) \times 5$
   C. $60 \times 5$
   D. $10 \times 30$

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____

| 1-10 | 92 | 83 | 75 | 67 | 58 | 50 | 42 | 33 | 25 | 17 |
| 11-12 | 8 | 0 | | | | | | | | |

Name:

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1.    **C**

2.    **D**

3.    **B**

4.    **B**

5.    **A**

6.    **C**

7.    **C**

8.    **C**

9.    **B**

10.    **D**

11.    **B**

12.    **A**

| 1-10 | 92 | 83 | 75 | 67 | 58 | 50 | 42 | 33 | 25 | 17 |
|------|----|----|----|----|----|----|----|----|----|----|
| 11-12 | 8 | 0 | | | | | | | | |