Choose the correct choice equivalent to the statement.

1) \(4 \times (4 + 9) =\)
   - A. \(4 + (4 \times 9)\)
   - B. \(4 \times 4 + 4 \times 9\)
   - C. \(4 + 4 \times 4 + 9\)
   - D. \(4 \times 4 \times 9\)
   Correct Choice: [ ]

2) \(9 \times (11 + 2) =\)
   - A. \(9 \times 11 \times 2\)
   - B. \(9 + 11 \times 9 + 2\)
   - C. \(9 + (11 \times 2)\)
   - D. \(9 \times 11 + 9 \times 2\)
   Correct Choice: [ ]

3) \(15 \times (9 + 3) =\)
   - A. \(15 + 9 \times 15 + 3\)
   - B. \(15 + (9 \times 3)\)
   - C. \(15 \times 9 + 15 \times 3\)
   - D. \(15 \times 9 \times 3\)
   Correct Choice: [ ]

4) \(7 \times (5 + 6) =\)
   - A. \(7 \times 5 \times 6\)
   - B. \(7 + 5 \times 7 + 6\)
   - C. \(7 + (5 \times 6)\)
   - D. \(7 \times 5 + 7 \times 6\)
   Correct Choice: [ ]

7) \(13 \times (2 + 5) =\)
   - A. \(13 \times 2 \times 5\)
   - B. \(13 + 2 \times 13 + 5\)
   - C. \(13 \times 2 + 13 \times 5\)
   - D. \(13 + (2 \times 5)\)
   Correct Choice: [ ]

10) \(4 \times (15 + 9) =\)
    - A. \(4 \times 15 \times 9\)
    - B. \(4 + 15 \times 4 + 9\)
    - C. \(4 \times 15 + 4 \times 9\)
    - D. \(4 + (15 \times 9)\)
    Correct Choice: [ ]

13) \(7 \times (5 + 6) =\)
    - A. \(7 + (5 \times 6)\)
    - B. \(7 \times 5 + 7 \times 6\)
    - C. \(7 + 5 \times 7 + 6\)
    - D. \(7 \times 5 \times 6\)
    Correct Choice: [ ]

14) \(3 \times (8 + 2) =\)
    - A. \(3 \times 8 \times 2\)
    - B. \(3 + 8 \times 3 + 2\)
    - C. \(3 + (8 \times 2)\)
    - D. \(3 \times 8 + 3 \times 2\)
    Correct Choice: [ ]

15) \(11 \times (6 + 9) =\)
    - A. \(11 \times 6 \times 9\)
    - B. \(11 + 6 \times 11 + 9\)
    - C. \(11 \times 6 + 11 \times 9\)
    - D. \(11 + (6 \times 9)\)
    Correct Choice: [ ]
Name: __________________________  Answer key  Score:  

MCQ - Distributive Property  

1) \( 4 \times (4 + 9) = \)  
A. \( 4 + (4 \times 9) \)  
B. \( 4 \times 4 + 4 \times 9 \)  
C. \( 4 + 4 \times 4 + 9 \)  
D. \( 4 \times 4 \times 9 \)  
Correct Choice: B

2) \( 9 \times (11 + 2) = \)  
A. \( 9 \times 11 \times 2 \)  
B. \( 9 + 11 \times 9 + 2 \)  
C. \( 9 + (11 \times 2) \)  
D. \( 9 \times 11 + 9 \times 2 \)  
Correct Choice: D

3) \( 15 \times (9 + 3) = \)  
A. \( 15 + 9 \times 15 + 3 \)  
B. \( 15 + (9 \times 3) \)  
C. \( 15 \times 9 + 15 \times 3 \)  
D. \( 15 \times 9 \times 3 \)  
Correct Choice: C

4) \( 7 \times (5 + 6) = \)  
A. \( 7 \times 5 \times 6 \)  
B. \( 7 + 5 \times 7 + 6 \)  
C. \( 7 + (5 \times 6) \)  
D. \( 7 \times 5 + 7 \times 6 \)  
Correct Choice: D

5) \( 10 \times (4 + 8) = \)  
A. \( 10 \times 4 \times 8 \)  
B. \( 10 + 4 \times 10 + 8 \)  
C. \( 2 \times 11 \times 7 \)  
D. \( 15 + 2 \times 7 \)  
Correct Choice: B

6) \( 6 \times (14 + 5) = \)  
A. \( 6 \times 14 + 6 \times 5 \)  
B. \( 6 \times (14 \times 5) \)  
C. \( 14 \times 9 \times 3 \)  
D. \( 15 \times 11 \times 7 \)  
Correct Choice: B

7) \( 13 \times (2 + 5) = \)  
A. \( 13 \times 2 \times 5 \)  
B. \( 13 + 2 \times 13 + 5 \)  
C. \( 13 \times 2 + 13 \times 5 \)  
D. \( 13 \times 2 \times 5 \)  
Correct Choice: C

8) \( 11 \times (7 + 9) = \)  
A. \( 11 \times 7 \times 9 \)  
B. \( 11 + 7 \times 9 \)  
C. \( 11 \times 7 \times 2 \)  
D. \( 11 \times 7 \times 9 \)  
Correct Choice: B

9) \( 10 \times (13 + 2) = \)  
A. \( 13 \times 5 \times 2 \)  
B. \( 13 \times 8 \times 2 \)  
C. \( 13 \times 5 \times 2 \)  
D. \( 13 \times 2 \times 5 \)  
Correct Choice: A

10) \( 4 \times (15 + 9) = \)  
A. \( 4 \times 15 \times 9 \)  
B. \( 4 + 15 \times 4 + 9 \)  
C. \( 4 \times 15 \times 4 \times 9 \)  
D. \( 4 + (15 \times 9) \)  
Correct Choice: C

11) \( 7 \times (5 + 6) = \)  
A. \( 7 + (5 \times 6) \)  
B. \( 7 \times 5 + 7 \times 6 \)  
C. \( 7 + 5 \times 7 + 6 \)  
D. \( 7 \times 5 \times 6 \)  
Correct Choice: B

12) \( 13 \times (5 + 9) = \)  
A. \( 13 \times 5 \times 9 \)  
B. \( 13 + 5 \times 2 \)  
C. \( 13 \times 5 \times 2 \)  
D. \( 13 \times 2 \times 5 \)  
Correct Choice: A

13) \( 7 \times (5 + 6) = \)  
A. \( 7 \times 5 \times 6 \)  
B. \( 7 \times 5 + 7 \times 6 \)  
C. \( 7 + 5 \times 7 + 6 \)  
D. \( 7 \times 5 \times 6 \)  
Correct Choice: B

14) \( 3 \times (8 + 2) = \)  
A. \( 3 \times 8 \times 2 \)  
B. \( 3 + 8 \times 3 + 2 \)  
C. \( 3 + (8 \times 2) \)  
D. \( 3 \times 8 + 3 \times 2 \)  
Correct Choice: D

15) \( 11 \times (6 + 9) = \)  
A. \( 11 \times 6 \times 9 \)  
B. \( 11 + 6 \times 11 + 9 \)  
C. \( 11 \times 6 + 11 \times 9 \)  
D. \( 11 + (6 \times 9) \)  
Correct Choice: C