

Basic Distributive Property

Name: _____

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Complete the number sentences.

1. $(3 + 6) \times 2 = (3 \times \quad) + (\quad \times 2)$
2. $2 \times (3 + 7) = (2 \times \quad) + (\quad \times 7)$
3. $5 \times (6 + 7) = (\quad \times 6) + (5 \times \quad)$
4. $(4 + 7) \times 3 = (4 \times \quad) + (\quad \times 3)$
5. $6 \times (7 + 8) = (\quad \times 7) + (6 \times \quad)$
6. $4 \times (7 + 9) = (4 \times \quad) + (\quad \times 9)$
7. $(4 + 9) \times 2 = (\quad \times 2) + (9 \times \quad)$
8. $(3 + 9) \times 2 = (3 \times \quad) + (\quad \times 2)$
9. $(7 + 9) \times 4 = (\quad \times 4) + (9 \times \quad)$
10. $(6 + 7) \times 3 = (6 \times \quad) + (\quad \times 3)$
11. $3 \times (4 + 8) = (\quad \times 4) + (3 \times \quad)$
12. $(4 + 8) \times 3 = (\quad \times 3) + (8 \times \quad)$
13. $(4 + 9) \times 3 = (4 \times \quad) + (\quad \times 3)$
14. $(4 + 7) \times 3 = (4 \times \quad) + (\quad \times 3)$
15. $5 \times (7 + 8) = (\quad \times 7) + (5 \times \quad)$
16. $2 \times (8 + 9) = (\quad \times 8) + (2 \times \quad)$
17. $(6 + 8) \times 5 = (6 \times \quad) + (\quad \times 5)$
18. $2 \times (8 + 9) = (\quad \times 8) + (2 \times \quad)$
19. $3 \times (4 + 5) = (3 \times \quad) + (\quad \times 5)$
20. $4 \times (8 + 9) = (\quad \times 8) + (4 \times \quad)$

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Answer Key

1. $= (3 \times 2) + (6 \times 2)$

3. $= (5 \times 6) + (5 \times 7)$

5. $= (6 \times 7) + (6 \times 8)$

7. $= (4 \times 2) + (9 \times 2)$

9. $= (7 \times 4) + (9 \times 4)$

11. $= (3 \times 4) + (3 \times 8)$

13. $= (4 \times 3) + (9 \times 3)$

15. $= (5 \times 7) + (5 \times 8)$

17. $= (6 \times 5) + (8 \times 5)$

19. $= (3 \times 4) + (3 \times 5)$

2. $= (2 \times 3) + (2 \times 7)$

4. $= (4 \times 3) + (7 \times 3)$

6. $= (4 \times 7) + (4 \times 9)$

8. $= (3 \times 2) + (9 \times 2)$

10. $= (6 \times 3) + (7 \times 3)$

12. $= (4 \times 3) + (8 \times 3)$

14. $= (4 \times 3) + (7 \times 3)$

16. $= (2 \times 8) + (2 \times 9)$

18. $= (2 \times 8) + (2 \times 9)$

20. $= (4 \times 8) + (4 \times 9)$