

**Apply the distributive property to produce an equivalent expression.****Answers**

1)  $9(5B + 9)$

1. \_\_\_\_\_

2)  $3(10C + 7)$

2. \_\_\_\_\_

3)  $50 + 30D$

3. \_\_\_\_\_

4)  $80E + 60$

4. \_\_\_\_\_

5)  $10(7 + 10F)$

5. \_\_\_\_\_

6)  $8 + 10G$

6. \_\_\_\_\_

7)  $8(3 + 6H)$

7. \_\_\_\_\_

8)  $20I + 70$

8. \_\_\_\_\_

9)  $20J + 20$

9. \_\_\_\_\_

10)  $8 + 2 + 9K + 7K$

10. \_\_\_\_\_

11)  $5(6 + 7L)$

11. \_\_\_\_\_

12)  $M + M + M + M + M + M + M + M$

12. \_\_\_\_\_

13)  $10(4N + 2)$

13. \_\_\_\_\_

14)  $5 + 8 + 5O + 7O$

14. \_\_\_\_\_

15)  $35P + 25$

15. \_\_\_\_\_

16)  $72 + 72Q$

16. \_\_\_\_\_

17)  $R + R + R + R + R + R + R + R$

17. \_\_\_\_\_

18)  $3S + 9 + 4S + 5$

18. \_\_\_\_\_

19)  $9(6 + 5T)$

19. \_\_\_\_\_

20)  $5(5 + 6U)$

20. \_\_\_\_\_



Apply the distributive property to produce an equivalent expression.

Answers

1)  $9(5B + 9)$

1.  **$45B + 81$**

2)  $3(10C + 7)$

2.  **$30C + 21$**

3)  $50 + 30D$

3.  **$10(5 + 3D)$**

4)  $80E + 60$

4.  **$20(4E + 3)$**

5)  $10(7 + 10F)$

5.  **$70 + 100F$**

6)  $8 + 10G$

6.  **$2(4 + 5G)$**

7)  $8(3 + 6H)$

7.  **$24 + 48H$**

8)  $20I + 70$

8.  **$10(2I + 7)$**

9)  $20J + 20$

9.  **$20(1J + 1)$**

10)  $8 + 2 + 9K + 7K$

10.  **$16K + 10$**

11)  $5(6 + 7L)$

11.  **$30 + 35L$**

12)  $M + M + M + M + M + M + M + M$

12.  **$8M$**

13)  $10(4N + 2)$

13.  **$40N + 20$**

14)  $5 + 8 + 50 + 70$

14.  **$120 + 13$**

15)  $35P + 25$

15.  **$5(7P + 5)$**

16)  $72 + 72Q$

16.  **$72(1 + 1Q)$**

17)  $R + R + R + R + R + R + R + R$

17.  **$8R$**

18)  $3S + 9 + 4S + 5$

18.  **$7S + 14$**

19)  $9(6 + 5T)$

19.  **$54 + 45T$**

20)  $5(5 + 6U)$

20.  **$25 + 30U$**