

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

1)  $10B + 7 + 3B + 5$

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

2)  $C + C + C + C + C + C + C$

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

3)  $D + D + D + D + D + D + D$

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

4)  $E + E + E + E + E + E$

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

5)  $9 + 4F + 5 + 4F$

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

6)  $7 + 8 + 9G + 9G$

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

7)  $90H + 80$

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

8)  $8(10I + 2)$

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

9)  $27 + 36J$

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

10)  $2 + 4K + 8K + 2$

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

11)  $27L + 72$

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

12)  $2(7M + 2)$

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

13)  $N + N + N + N + N + N + N + N$

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

14)  $9(7O + 5)$

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

15)  $18 + 18P$

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

16)  $5Q + 9 + 8Q + 8$

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

17)  $4(4R + 5)$

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

18)  $7 + 8 + 6S + 7S$

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

19)  $9T + 4 + 6T + 10$

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

20)  $2(10U + 4)$

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



Apply the distributive property to produce an equivalent expression.

Answers

1)  $10B + 7 + 3B + 5$

1. **13B+12**

2)  $C + C + C + C + C + C + C$

2. **7C**

3)  $D + D + D + D + D + D + D$

3. **7D**

4)  $E + E + E + E + E + E$

4. **6E**

5)  $9 + 4F + 5 + 4F$

5. **8F+14**

6)  $7 + 8 + 9G + 9G$

6. **18G+15**

7)  $90H + 80$

7. **10(9H + 8)**

8)  $8(10I + 2)$

8. **80I + 16**

9)  $27 + 36J$

9. **9(3 + 4J)**

10)  $2 + 4K + 8K + 2$

10. **12K+4**

11)  $27L + 72$

11. **9(3L + 8)**

12)  $2(7M + 2)$

12. **14M + 4**

13)  $N + N + N + N + N + N + N + N$

13. **8N**

14)  $9(7O + 5)$

14. **63O + 45**

15)  $18 + 18P$

15. **18(1 + 1P)**

16)  $5Q + 9 + 8Q + 8$

16. **13Q+17**

17)  $4(4R + 5)$

17. **16R + 20**

18)  $7 + 8 + 6S + 7S$

18. **13S+15**

19)  $9T + 4 + 6T + 10$

19. **15T+14**

20)  $2(10U + 4)$

20. **20U + 8**