



Apply the distributive property to produce an equivalent expression.

Answers

1)  $6(3b + 3)$

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

2)  $c + c + c$

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

3)  $12 + 20d$

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

4)  $8 + 7e + 5 + 8e$

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

5)  $6 + 8f$

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

6)  $g + g + g + g + g + g + g + g + g$

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

7)  $h + h + h + h + h + h + h$

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

8)  $9(3i + 2)$

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

9)  $9(6 + 4j)$

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

10)  $k + k + k + k + k + k$

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

11)  $m + m + m$

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

12)  $4n + 7n + 9 + 10$

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

13)  $3(5 + 4p)$

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

14)  $20 + 16r$

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

15)  $6(3t + 3)$

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

16)  $60 + 18u$

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

17)  $3(7v + 5)$

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

18)  $54 + 36w$

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

19)  $48y + 12$

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

20)  $z + z + z + z + z + z$

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



Apply the distributive property to produce an equivalent expression.

Answers

- |  |                              |
|--|------------------------------|
| 1) $6(3b + 3)$                         | 1. <u><b>18b + 18</b></u>    |
| 2) $c + c + c$                         | 2. <u><b>3c</b></u>          |
| 3) $12 + 20d$                          | 3. <u><b>4(3 + 5d)</b></u>   |
| 4) $8 + 7e + 5 + 8e$                   | 4. <u><b>15e+13</b></u>      |
| 5) $6 + 8f$                            | 5. <u><b>2(3 + 4f)</b></u>   |
| 6) $g + g + g + g + g + g + g + g + g$ | 6. <u><b>9g</b></u>          |
| 7) $h + h + h + h + h + h + h$         | 7. <u><b>7h</b></u>          |
| 8) $9(3i + 2)$                         | 8. <u><b>27i + 18</b></u>    |
| 9) $9(6 + 4j)$                         | 9. <u><b>54 + 36j</b></u>    |
| 10) $k + k + k + k + k + k$            | 10. <u><b>6k</b></u>         |
| 11) $m + m + m$                        | 11. <u><b>3m</b></u>         |
| 12) $4n + 7n + 9 + 10$                 | 12. <u><b>11n+19</b></u>     |
| 13) $3(5 + 4p)$                        | 13. <u><b>15 + 12p</b></u>   |
| 14) $20 + 16r$                         | 14. <u><b>4(5 + 4r)</b></u>  |
| 15) $6(3t + 3)$                        | 15. <u><b>18t + 18</b></u>   |
| 16) $60 + 18u$                         | 16. <u><b>6(10 + 3u)</b></u> |
| 17) $3(7v + 5)$                        | 17. <u><b>21v + 15</b></u>   |
| 18) $54 + 36w$                         | 18. <u><b>18(3 + 2w)</b></u> |
| 19) $48y + 12$                         | 19. <u><b>12(4y + 1)</b></u> |
| 20) $z + z + z + z + z + z$            | 20. <u><b>6z</b></u>         |