



Apply the distributive property to produce an equivalent expression.

Answers

1)  $3(10a + 5)$

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

2)  $2(9 + 2g)$

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

3)  $4(2b + 3)$

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

4)  $40d + 20$

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

5)  $56s + 63$

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

6)  $60 + 20w$

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

7)  $6(6k + 2)$

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

8)  $p + p + p + p + p + p + p + p$

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

9)  $6(8 + 2y)$

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

10)  $3(3 + 8t)$

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

11)  $f + f + f + f$

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

12)  $9(4 + 9n)$

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

13)  $2(8 + 3e)$

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

14)  $3(4 + 4r)$

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

15)  $90c + 40$

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

16)  $10(6u + 7)$

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

17)  $72j + 72$

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

18)  $56 + 21h$

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

19)  $70 + 63z$

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

20)  $9 + 18v$

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



Apply the distributive property to produce an equivalent expression.

1)  $3(10a + 5)$

2)  $2(9 + 2g)$

3)  $4(2b + 3)$

4)  $40d + 20$

5)  $56s + 63$

6)  $60 + 20w$

7)  $6(6k + 2)$

8)  $p + p + p + p + p + p + p + p$

9)  $6(8 + 2y)$

10)  $3(3 + 8t)$

11)  $f + f + f + f$

12)  $9(4 + 9n)$

13)  $2(8 + 3e)$

14)  $3(4 + 4r)$

15)  $90c + 40$

16)  $10(6u + 7)$

17)  $72j + 72$

18)  $56 + 21h$

19)  $70 + 63z$

20)  $9 + 18v$

Answers

1.  $30a + 15$

2.  $18 + 4g$

3.  $8b + 12$

4.  $20(2d + 1)$

5.  $7(8s + 9)$

6.  $20(3 + 1w)$

7.  $36k + 12$

8.  $8p$

9.  $48 + 12y$

10.  $9 + 24t$

11.  $4f$

12.  $36 + 81n$

13.  $16 + 6e$

14.  $12 + 12r$

15.  $10(9c + 4)$

16.  $60u + 70$

17.  $72(1j + 1)$

18.  $7(8 + 3h)$

19.  $7(10 + 9z)$

20.  $9(1 + 2v)$



Apply the distributive property to produce an equivalent expression.

Answers

1)  $t + t + t + t + t + t + t + t$

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

2)  $40 + 20k$

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

3)  $8(8 + 4c)$

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

4)  $z + z + z + z + z + z + z + z$

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

5)  $2(6 + 10m)$

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

6)  $4(6y + 6)$

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

7)  $2(6r + 8)$

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

8)  $20 + 8b$

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

9)  $15 + 24j$

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

10)  $h + h + h + h + h + h + h + h + h$

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

11)  $2(5 + 2w)$

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

12)  $63s + 70$

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

13)  $p + p + p + p + p + p + p$

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

14)  $12a + 14$

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

15)  $8n + 10$

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

16)  $14 + 49g$

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

17)  $v + v + v + v + v + v + v + v + v$

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

18)  $7(5e + 5)$

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

19)  $7(10 + 3u)$

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

20)  $42 + 49d$

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



Apply the distributive property to produce an equivalent expression.

- 1)  $t + t + t + t + t + t + t + t$
- 2)  $40 + 20k$
- 3)  $8(8 + 4c)$
- 4)  $z + z + z + z + z + z + z + z$
- 5)  $2(6 + 10m)$
- 6)  $4(6y + 6)$
- 7)  $2(6r + 8)$
- 8)  $20 + 8b$
- 9)  $15 + 24j$
- 10)  $h + h + h + h + h + h + h + h + h$
- 11)  $2(5 + 2w)$
- 12)  $63s + 70$
- 13)  $p + p + p + p + p + p + p$
- 14)  $12a + 14$
- 15)  $8n + 10$
- 16)  $14 + 49g$
- 17)  $v + v + v + v + v + v + v + v + v$
- 18)  $7(5e + 5)$
- 19)  $7(10 + 3u)$
- 20)  $42 + 49d$

Answers

1. 8t
2. 20(2 + 1k)
3. 64 + 32c
4. 8z
5. 12 + 20m
6. 24y + 24
7. 12r + 16
8. 4(5 + 2b)
9. 3(5 + 8j)
10. 9h
11. 10 + 4w
12. 7(9s + 10)
13. 7p
14. 2(6a + 7)
15. 2(4n + 5)
16. 7(2 + 7g)
17. 9v
18. 35e + 35
19. 70 + 21u
20. 7(6 + 7d)



Apply the distributive property to produce an equivalent expression.

Answers

1)  $70j + 70$

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

2)  $42s + 21$

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

3)  $3(6 + 3b)$

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

4)  $8(10 + 10f)$

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

5)  $3(6c + 3)$

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

6)  $m + m + m + m + m + m$

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

7)  $24 + 42a$

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

8)  $e + e + e$

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

9)  $9(9z + 3)$

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

10)  $30 + 15w$

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

11)  $t + t + t$

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

12)  $6(3h + 7)$

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

13)  $9(5 + 8p)$

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

14)  $v + v + v + v + v + v + v$

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

15)  $8(7 + 9n)$

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

16)  $u + u + u + u + u + u + u + u$

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

17)  $6(5r + 9)$

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

18)  $15 + 24k$

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

19)  $7(8 + 3y)$

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

20)  $6(4 + 7g)$

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



Apply the distributive property to produce an equivalent expression.

- 1)  $70j + 70$
- 2)  $42s + 21$
- 3)  $3(6 + 3b)$
- 4)  $8(10 + 10f)$
- 5)  $3(6c + 3)$
- 6)  $m + m + m + m + m + m$
- 7)  $24 + 42a$
- 8)  $e + e + e$
- 9)  $9(9z + 3)$
- 10)  $30 + 15w$
- 11)  $t + t + t$
- 12)  $6(3h + 7)$
- 13)  $9(5 + 8p)$
- 14)  $v + v + v + v + v + v + v$
- 15)  $8(7 + 9n)$
- 16)  $u + u + u + u + u + u + u + u$
- 17)  $6(5r + 9)$
- 18)  $15 + 24k$
- 19)  $7(8 + 3y)$
- 20)  $6(4 + 7g)$

Answers

1.  $70(1j + 1)$
2.  $21(2s + 1)$
3.  $18 + 9b$
4.  $80 + 80f$
5.  $18c + 9$
6.  $6m$
7.  $6(4 + 7a)$
8.  $3e$
9.  $81z + 27$
10.  $15(2 + 1w)$
11.  $3t$
12.  $18h + 42$
13.  $45 + 72p$
14.  $7v$
15.  $56 + 72n$
16.  $8u$
17.  $30r + 54$
18.  $3(5 + 8k)$
19.  $56 + 21y$
20.  $24 + 42g$



Apply the distributive property to produce an equivalent expression.

Answers

1)  $3(4 + 2m)$

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

2)  $30 + 20y$

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

3)  $8(7 + 2h)$

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

4)  $2(10 + 8g)$

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

5)  $6(7a + 7)$

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

6)  $15e + 40$

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

7)  $12 + 10c$

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

8)  $6(10d + 7)$

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

9)  $4(9 + 7r)$

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

10)  $n + n + n + n + n + n + n + n$

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

11)  $12 + 32k$

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

12)  $u + u + u + u + u + u + u + u + u$

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

13)  $p + p + p + p + p$

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

14)  $5(4z + 2)$

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

15)  $w + w + w + w + w$

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

16)  $10(2 + 5f)$

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

17)  $2(6 + 4b)$

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

18)  $6(9 + 7j)$

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

19)  $45 + 54v$

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

20)  $8(5 + 10t)$

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



Apply the distributive property to produce an equivalent expression.

1)  $3(4 + 2m)$

2)  $30 + 20y$

3)  $8(7 + 2h)$

4)  $2(10 + 8g)$

5)  $6(7a + 7)$

6)  $15e + 40$

7)  $12 + 10c$

8)  $6(10d + 7)$

9)  $4(9 + 7r)$

10)  $n + n + n + n + n + n + n + n$

11)  $12 + 32k$

12)  $u + u + u + u + u + u + u + u + u$

13)  $p + p + p + p + p$

14)  $5(4z + 2)$

15)  $w + w + w + w + w$

16)  $10(2 + 5f)$

17)  $2(6 + 4b)$

18)  $6(9 + 7j)$

19)  $45 + 54v$

20)  $8(5 + 10t)$

Answers

1.  $12 + 6m$

2.  $10(3 + 2y)$

3.  $56 + 16h$

4.  $20 + 16g$

5.  $42a + 42$

6.  $5(3e + 8)$

7.  $2(6 + 5c)$

8.  $60d + 42$

9.  $36 + 28r$

10.  $8n$

11.  $4(3 + 8k)$

12.  $9u$

13.  $5p$

14.  $20z + 10$

15.  $5w$

16.  $20 + 50f$

17.  $12 + 8b$

18.  $54 + 42j$

19.  $9(5 + 6v)$

20.  $40 + 80t$





Apply the distributive property to produce an equivalent expression.

Answers

1)  $28d + 63$

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

2)  $v + v + v$

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

3)  $g + g + g + g + g + g$

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

4)  $t + t + t + t + t$

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

5)  $6(8 + 4w)$

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

6)  $6 + 10p$

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

7)  $f + f + f + f + f$

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

8)  $k + k + k$

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

9)  $30j + 40$

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

10)  $72n + 36$

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

11)  $30a + 60$

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

12)  $10(9s + 10)$

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

13)  $30r + 30$

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

14)  $56 + 14b$

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

15)  $54 + 18h$

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

16)  $27 + 18z$

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

17)  $40 + 30y$

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

18)  $4(9m + 9)$

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

19)  $54 + 63e$

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

20)  $c + c + c + c + c$

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



Apply the distributive property to produce an equivalent expression.

- 1)  $28d + 63$
- 2)  $v + v + v$
- 3)  $g + g + g + g + g + g$
- 4)  $t + t + t + t + t$
- 5)  $6(8 + 4w)$
- 6)  $6 + 10p$
- 7)  $f + f + f + f + f$
- 8)  $k + k + k$
- 9)  $30j + 40$
- 10)  $72n + 36$
- 11)  $30a + 60$
- 12)  $10(9s + 10)$
- 13)  $30r + 30$
- 14)  $56 + 14b$
- 15)  $54 + 18h$
- 16)  $27 + 18z$
- 17)  $40 + 30y$
- 18)  $4(9m + 9)$
- 19)  $54 + 63e$
- 20)  $c + c + c + c + c$

Answers

1.  $7(4d + 9)$
2.  $3v$
3.  $6g$
4.  $5t$
5.  $48 + 24w$
6.  $2(3 + 5p)$
7.  $5f$
8.  $3k$
9.  $10(3j + 4)$
10.  $36(2n + 1)$
11.  $30(1a + 2)$
12.  $90s + 100$
13.  $30(1r + 1)$
14.  $14(4 + 1b)$
15.  $18(3 + 1h)$
16.  $9(3 + 2z)$
17.  $10(4 + 3y)$
18.  $36m + 36$
19.  $9(6 + 7e)$
20.  $5c$



Apply the distributive property to produce an equivalent expression.

Answers

1)  $6(5 + 4y)$

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

2)  $f + f + f + f + f$

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

3)  $10s + 16$

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

4)  $2(7g + 9)$

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

5)  $24 + 48a$

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

6)  $2(9 + 5d)$

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

7)  $7(7v + 8)$

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

8)  $j + j + j + j + j$

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

9)  $b + b + b$

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

10)  $7(9z + 2)$

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

11)  $48 + 48m$

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

12)  $20t + 20$

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

13)  $6(4 + 7h)$

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

14)  $u + u + u + u$

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

15)  $30r + 25$

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

16)  $8n + 12$

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

17)  $p + p + p + p + p$

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

18)  $2(10 + 7c)$

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

19)  $w + w + w + w + w + w$

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

20)  $e + e + e + e + e + e$

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



Apply the distributive property to produce an equivalent expression.

- 1)  $6(5 + 4y)$
- 2)  $f + f + f + f + f$
- 3)  $10s + 16$
- 4)  $2(7g + 9)$
- 5)  $24 + 48a$
- 6)  $2(9 + 5d)$
- 7)  $7(7v + 8)$
- 8)  $j + j + j + j + j$
- 9)  $b + b + b$
- 10)  $7(9z + 2)$
- 11)  $48 + 48m$
- 12)  $20t + 20$
- 13)  $6(4 + 7h)$
- 14)  $u + u + u + u$
- 15)  $30r + 25$
- 16)  $8n + 12$
- 17)  $p + p + p + p + p$
- 18)  $2(10 + 7c)$
- 19)  $w + w + w + w + w + w$
- 20)  $e + e + e + e + e + e$

Answers

1.  $30 + 24y$
2.  $5f$
3.  $2(5s + 8)$
4.  $14g + 18$
5.  $24(1 + 2a)$
6.  $18 + 10d$
7.  $49v + 56$
8.  $5j$
9.  $3b$
10.  $63z + 14$
11.  $48(1 + 1m)$
12.  $20(1t + 1)$
13.  $24 + 42h$
14.  $4u$
15.  $5(6r + 5)$
16.  $4(2n + 3)$
17.  $5p$
18.  $20 + 14c$
19.  $6w$
20.  $6e$



Apply the distributive property to produce an equivalent expression.

Answers

- |   |           |
|---|-----------|
| 1) $18 + 18h$                           | 1. _____  |
| 2) $72 + 32r$                           | 2. _____  |
| 3) $12 + 20p$                           | 3. _____  |
| 4) $8(7 + 8m)$                          | 4. _____  |
| 5) $2(3a + 4)$                          | 5. _____  |
| 6) $f + f + f + f + f + f$              | 6. _____  |
| 7) $8(7v + 10)$                         | 7. _____  |
| 8) $c + c + c + c + c + c + c$          | 8. _____  |
| 9) $9(6 + 4t)$                          | 9. _____  |
| 10) $9(9y + 10)$                        | 10. _____ |
| 11) $e + e + e + e + e + e + e + e + e$ | 11. _____ |
| 12) $7(4n + 9)$                         | 12. _____ |
| 13) $3(5d + 4)$                         | 13. _____ |
| 14) $k + k + k + k + k + k + k + k$     | 14. _____ |
| 15) $18u + 18$                          | 15. _____ |
| 16) $60 + 18s$                          | 16. _____ |
| 17) $21b + 15$                          | 17. _____ |
| 18) $9(6j + 4)$                         | 18. _____ |
| 19) $g + g + g + g + g + g + g + g + g$ | 19. _____ |
| 20) $z + z + z + z + z + z + z + z + z$ | 20. _____ |



Apply the distributive property to produce an equivalent expression.

- 1)  $18 + 18h$
- 2)  $72 + 32r$
- 3)  $12 + 20p$
- 4)  $8(7 + 8m)$
- 5)  $2(3a + 4)$
- 6)  $f + f + f + f + f + f$
- 7)  $8(7v + 10)$
- 8)  $c + c + c + c + c + c + c$
- 9)  $9(6 + 4t)$
- 10)  $9(9y + 10)$
- 11)  $e + e + e + e + e + e + e + e + e$
- 12)  $7(4n + 9)$
- 13)  $3(5d + 4)$
- 14)  $k + k + k + k + k + k + k + k$
- 15)  $18u + 18$
- 16)  $60 + 18s$
- 17)  $21b + 15$
- 18)  $9(6j + 4)$
- 19)  $g + g + g + g + g + g + g + g + g$
- 20)  $z + z + z + z + z + z + z + z + z$

Answers

1.  $18(1 + 1h)$
2.  $8(9 + 4r)$
3.  $4(3 + 5p)$
4.  $56 + 64m$
5.  $6a + 8$
6.  $6f$
7.  $56v + 80$
8.  $7c$
9.  $54 + 36t$
10.  $81y + 90$
11.  $9e$
12.  $28n + 63$
13.  $15d + 12$
14.  $8k$
15.  $18(1u + 1)$
16.  $6(10 + 3s)$
17.  $3(7b + 5)$
18.  $54j + 36$
19.  $9g$
20.  $9z$



Apply the distributive property to produce an equivalent expression.

Answers

1)  $10(3 + 7d)$

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

2)  $24e + 32$

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

3)  $s + s + s$

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

4)  $35 + 70t$

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

5)  $16p + 20$

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

6)  $9(9 + 8c)$

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

7)  $10(9 + 8g)$

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

8)  $80 + 16b$

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

9)  $27r + 36$

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

10)  $j + j + j + j$

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

11)  $27 + 72f$

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

12)  $14k + 4$

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

13)  $20 + 20v$

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

14)  $z + z + z + z + z + z + z$

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

15)  $3(6 + 6w)$

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

16)  $y + y + y + y + y$

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

17)  $a + a + a$

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

18)  $42h + 56$

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

19)  $m + m + m + m + m$

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

20)  $20 + 8u$

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



Apply the distributive property to produce an equivalent expression.

1)  $10(3 + 7d)$

2)  $24e + 32$

3)  $s + s + s$

4)  $35 + 70t$

5)  $16p + 20$

6)  $9(9 + 8c)$

7)  $10(9 + 8g)$

8)  $80 + 16b$

9)  $27r + 36$

10)  $j + j + j + j$

11)  $27 + 72f$

12)  $14k + 4$

13)  $20 + 20v$

14)  $z + z + z + z + z + z + z$

15)  $3(6 + 6w)$

16)  $y + y + y + y + y$

17)  $a + a + a$

18)  $42h + 56$

19)  $m + m + m + m + m$

20)  $20 + 8u$

Answers

1.  $30 + 70d$

2.  $8(3e + 4)$

3.  $3s$

4.  $35(1 + 2t)$

5.  $4(4p + 5)$

6.  $81 + 72c$

7.  $90 + 80g$

8.  $16(5 + 1b)$

9.  $9(3r + 4)$

10.  $4j$

11.  $9(3 + 8f)$

12.  $2(7k + 2)$

13.  $20(1 + 1v)$

14.  $7z$

15.  $18 + 18w$

16.  $5y$

17.  $3a$

18.  $14(3h + 4)$

19.  $5m$

20.  $4(5 + 2u)$





Apply the distributive property to produce an equivalent expression.

Answers

- 1)  $8 + 6d$  1. \_\_\_\_\_
- 2)  $9(4n + 9)$  2. \_\_\_\_\_
- 3)  $14k + 14$  3. \_\_\_\_\_
- 4)  $63 + 27y$  4. \_\_\_\_\_
- 5)  $4(2g + 3)$  5. \_\_\_\_\_
- 6)  $60j + 90$  6. \_\_\_\_\_
- 7)  $9(5 + 9s)$  7. \_\_\_\_\_
- 8)  $10(2 + 5c)$  8. \_\_\_\_\_
- 9)  $36 + 90f$  9. \_\_\_\_\_
- 10)  $r + r + r + r + r + r + r + r + r$  10. \_\_\_\_\_
- 11)  $t + t + t + t$  11. \_\_\_\_\_
- 12)  $63u + 72$  12. \_\_\_\_\_
- 13)  $10(2 + 6p)$  13. \_\_\_\_\_
- 14)  $9(2m + 7)$  14. \_\_\_\_\_
- 15)  $4(9a + 4)$  15. \_\_\_\_\_
- 16)  $54z + 42$  16. \_\_\_\_\_
- 17)  $6(10v + 3)$  17. \_\_\_\_\_
- 18)  $5(9 + 3h)$  18. \_\_\_\_\_
- 19)  $5(3b + 4)$  19. \_\_\_\_\_
- 20)  $3(10 + 7e)$  20. \_\_\_\_\_



Apply the distributive property to produce an equivalent expression.

- 1)  $8 + 6d$
- 2)  $9(4n + 9)$
- 3)  $14k + 14$
- 4)  $63 + 27y$
- 5)  $4(2g + 3)$
- 6)  $60j + 90$
- 7)  $9(5 + 9s)$
- 8)  $10(2 + 5c)$
- 9)  $36 + 90f$
- 10)  $r + r + r + r + r + r + r + r + r$
- 11)  $t + t + t + t$
- 12)  $63u + 72$
- 13)  $10(2 + 6p)$
- 14)  $9(2m + 7)$
- 15)  $4(9a + 4)$
- 16)  $54z + 42$
- 17)  $6(10v + 3)$
- 18)  $5(9 + 3h)$
- 19)  $5(3b + 4)$
- 20)  $3(10 + 7e)$

Answers

1.  $2(4 + 3d)$
2.  $36n + 81$
3.  $14(1k + 1)$
4.  $9(7 + 3y)$
5.  $8g + 12$
6.  $30(2j + 3)$
7.  $45 + 81s$
8.  $20 + 50c$
9.  $18(2 + 5f)$
10.  $9r$
11.  $4t$
12.  $9(7u + 8)$
13.  $20 + 60p$
14.  $18m + 63$
15.  $36a + 16$
16.  $6(9z + 7)$
17.  $60v + 18$
18.  $45 + 15h$
19.  $15b + 20$
20.  $30 + 21e$



Apply the distributive property to produce an equivalent expression.

Answers

- |   |           |
|---|-----------|
| 1) $36 + 63w$                           | 1. _____  |
| 2) $10 + 35k$                           | 2. _____  |
| 3) $2(7 + 3y)$                          | 3. _____  |
| 4) $24f + 28$                           | 4. _____  |
| 5) $10(5e + 10)$                        | 5. _____  |
| 6) $6 + 8v$                             | 6. _____  |
| 7) $72 + 63h$                           | 7. _____  |
| 8) $27t + 30$                           | 8. _____  |
| 9) $70n + 42$                           | 9. _____  |
| 10) $d + d + d + d + d + d$             | 10. _____ |
| 11) $16 + 32j$                          | 11. _____ |
| 12) $24 + 40g$                          | 12. _____ |
| 13) $2(7a + 5)$                         | 13. _____ |
| 14) $c + c + c + c + c$                 | 14. _____ |
| 15) $s + s + s + s + s + s + s + s + s$ | 15. _____ |
| 16) $27b + 72$                          | 16. _____ |
| 17) $2(8r + 10)$                        | 17. _____ |
| 18) $u + u + u + u + u$                 | 18. _____ |
| 19) $40 + 16z$                          | 19. _____ |
| 20) $3(7 + 8m)$                         | 20. _____ |



Apply the distributive property to produce an equivalent expression.

- 1)  $36 + 63w$
- 2)  $10 + 35k$
- 3)  $2(7 + 3y)$
- 4)  $24f + 28$
- 5)  $10(5e + 10)$
- 6)  $6 + 8v$
- 7)  $72 + 63h$
- 8)  $27t + 30$
- 9)  $70n + 42$
- 10)  $d + d + d + d + d + d$
- 11)  $16 + 32j$
- 12)  $24 + 40g$
- 13)  $2(7a + 5)$
- 14)  $c + c + c + c + c$
- 15)  $s + s + s + s + s + s + s + s + s$
- 16)  $27b + 72$
- 17)  $2(8r + 10)$
- 18)  $u + u + u + u + u$
- 19)  $40 + 16z$
- 20)  $3(7 + 8m)$

Answers

1.  $9(4 + 7w)$
2.  $5(2 + 7k)$
3.  $14 + 6y$
4.  $4(6f + 7)$
5.  $50e + 100$
6.  $2(3 + 4v)$
7.  $9(8 + 7h)$
8.  $3(9t + 10)$
9.  $14(5n + 3)$
10.  $6d$
11.  $16(1 + 2j)$
12.  $8(3 + 5g)$
13.  $14a + 10$
14.  $5c$
15.  $9s$
16.  $9(3b + 8)$
17.  $16r + 20$
18.  $5u$
19.  $8(5 + 2z)$
20.  $21 + 24m$