

Applying Properties of Operations

Name: _____

Apply the distributive property to produce an equivalent expression.

1) $80f + 48$

Answers

1. _____

2) $35a + 21$

2. _____

3) $80j + 32$

3. _____

4) $16 + 40s$

4. _____

5) $5(7g + 2)$

5. _____

6) $25 + 20v$

6. _____

7) $8(3 + 6r)$

7. _____

8) $3(5 + 7h)$

8. _____

9) $5(10 + 7k)$

9. _____

10) $45m + 10$

10. _____

11) $y + y + y + y$

11. _____

12) $9(8t + 4)$

12. _____

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

13. _____

14) $d + d + d + d + d + d + d + d$

14. _____

15) $6(6b + 3)$

15. _____

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

16. _____

17) $35e + 50$

17. _____

18) $4(7 + 7n)$

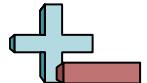
18. _____

19) $c + c + c$

19. _____

20) $7(3z + 4)$

20. _____



Applying Properties of Operations

Name: **Answer Key**

Apply the distributive property to produce an equivalent expression.

1) $80f + 48$

Answers

1. $16(5f + 3)$

2) $35a + 21$

2. $7(5a + 3)$

3) $80j + 32$

3. $16(5j + 2)$

4) $16 + 40s$

4. $8(2 + 5s)$

5) $5(7g + 2)$

5. $35g + 10$

6) $25 + 20v$

6. $5(5 + 4v)$

7) $8(3 + 6r)$

7. $24 + 48r$

8) $3(5 + 7h)$

8. $15 + 21h$

9) $5(10 + 7k)$

9. $50 + 35k$

10) $45m + 10$

10. $5(9m + 2)$

11) $y + y + y + y$

11. $4y$

12) $9(8t + 4)$

12. $72t + 36$

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

13. $8p$

14) $d + d + d + d + d + d + d + d$

14. $8d$

15) $6(6b + 3)$

15. $36b + 18$

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

16. $9u$

17) $35e + 50$

17. $5(7e + 10)$

18) $4(7 + 7n)$

18. $28 + 28n$

19) $c + c + c$

19. $3c$

20) $7(3z + 4)$

20. $21z + 28$