



Applying Properties of Operations

Name: _____

Apply the distributive property to produce an equivalent expression.

Answers

1) $36B + 63$

1. _____

2) $5(2 + 7C)$

2. _____

3) $2(7D + 3)$

3. _____

4) $4(6E + 7)$

4. _____

5) $F + F + F + F$

5. _____

6) $G + G + G + G + G + G$

6. _____

7) $9H + 7 + 7 + 8H$

7. _____

8) $3I + 9I + 5 + 10$

8. _____

9) $70J + 42$

9. _____

10) $8(9K + 5)$

10. _____

11) $L + L + L + L + L$

11. _____

12) $24 + 40M$

12. _____

13) $2(7N + 5)$

13. _____

14) $O + O + O + O + O$

14. _____

15) $3(9P + 3)$

15. _____

16) $27Q + 72$

16. _____

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

17. _____

18) $54 + 54S$

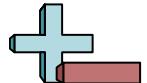
18. _____

19) $8(5T + 2)$

19. _____

20) $21 + 24U$

20. _____



Applying Properties of Operations

Name: **Answer Key**

Apply the distributive property to produce an equivalent expression.

1) $36B + 63$

Answers

1. $9(4B + 7)$

2) $5(2 + 7C)$

2. $10 + 35C$

3) $2(7D + 3)$

3. $14D + 6$

4) $4(6E + 7)$

4. $24E + 28$

5) $F + F + F + F$

5. $4F$

6) $G + G + G + G + G + G$

6. $6G$

7) $9H + 7 + 7 + 8H$

7. $17H + 14$

8) $3I + 9I + 5 + 10$

8. $12I + 15$

9) $70J + 42$

9. $14(5J + 3)$

10) $8(9K + 5)$

10. $72K + 40$

11) $L + L + L + L + L$

11. $5L$

12) $24 + 40M$

12. $8(3 + 5M)$

13) $2(7N + 5)$

13. $14N + 10$

14) $O + O + O + O + O$

14. $5O$

15) $3(9P + 3)$

15. $27P + 9$

16) $27Q + 72$

16. $9(3Q + 8)$

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

17. $7R$

18) $54 + 54S$

18. $54(1 + 1S)$

19) $8(5T + 2)$

19. $40T + 16$

20) $21 + 24U$

20. $3(7 + 8U)$

1-10	95	90	85	80	75	70	65	60	55	50
11-20	45	40	35	30	25	20	15	10	5	0