



## Applying Properties of Operations

Name: \_\_\_\_\_

Apply the distributive property to produce an equivalent expression.

1)  $9(4n + 3)$

Answers

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

2)  $90 + 54v$

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

3)  $72u + 16$

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

4)  $48 + 56c$

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

5)  $18w + 27$

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

6)  $90b + 63$

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

7)  $12e + 36$

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

8)  $14 + 35h$

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

9)  $12j + 21$

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

10)  $9(9 + 5t)$

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

11)  $5(10 + 9z)$

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

12)  $9(2k + 8)$

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

13)  $5(6 + 9p)$

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

14)  $7(3 + 7d)$

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

15)  $5(10f + 3)$

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

16)  $30 + 40g$

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

17)  $2(5m + 2)$

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

18)  $10(8 + 2y)$

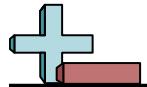
18. \_\_\_\_\_

19)  $9(9 + 8r)$

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

20)  $4(10 + 5s)$

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



## Applying Properties of Operations

Name: **Answer Key**

Apply the distributive property to produce an equivalent expression.

1)  $9(4n + 3)$

**Answers**

1.  $36n + 27$

2)  $90 + 54v$

2.  $18(5 + 3v)$

3)  $72u + 16$

3.  $8(9u + 2)$

4)  $48 + 56c$

4.  $8(6 + 7c)$

5)  $18w + 27$

5.  $9(2w + 3)$

6)  $90b + 63$

6.  $9(10b + 7)$

7)  $12e + 36$

7.  $12(1e + 3)$

8)  $14 + 35h$

8.  $7(2 + 5h)$

9)  $12j + 21$

9.  $3(4j + 7)$

10)  $9(9 + 5t)$

10.  $81 + 45t$

11)  $5(10 + 9z)$

11.  $50 + 45z$

12)  $9(2k + 8)$

12.  $18k + 72$

13)  $5(6 + 9p)$

13.  $30 + 45p$

14)  $7(3 + 7d)$

14.  $21 + 49d$

15)  $5(10f + 3)$

15.  $50f + 15$

16)  $30 + 40g$

16.  $10(3 + 4g)$

17)  $2(5m + 2)$

17.  $10m + 4$

18)  $10(8 + 2y)$

18.  $80 + 20y$

19)  $9(9 + 8r)$

19.  $81 + 72r$

20)  $4(10 + 5s)$

20.  $40 + 20s$

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