

**9-1****Practice: Skills*****Properties***

**Find each product mentally. Use the Distributive Property.**

1.  $5 \times 15$

2.  $7 \times 12$

3.  $4 \times 24$

4.  $6 \times 51$

5.  $3 \times 81$

6.  $2 \times 72$

7.  $20 \times 1.7$

8.  $11 \times 2.1$

9.  $15 \times 3.4$

**Rewrite each expression using the Distributive Property. Then evaluate.**

10.  $5(20 + 8)$

11.  $3(50 + 8)$

12.  $(30 + 5)6$

13.  $(40 + 5)6$

14.  $11(20 + 5)$

15.  $13(30 + 4)$

16.  $(10 \times 50) + (10 \times 9)$

17.  $(12 \times 40) + (12 \times 2)$

**Identify the property shown by each equation.**

18.  $7 \times 8 = 8 \times 7$

19.  $4 + 5 = 5 + 4$

20.  $14 + 27 + 16 = 14 + 16 + 27$

21.  $9 \times 1 = 9$

22.  $(7 \times 2) \times 4 = 7 \times (2 \times 4)$

23.  $2 \times 3 \times 4 = 2 \times 4 \times 3$

24.  $0 + 11 = 11$

25.  $(6 \times 4) \times 2 = 2 \times (6 \times 4)$

26.  $15(5 + 7) = 15 \times 5 + 15 \times 7$

27.  $5 + (15 + 9) = (15 + 9) + 5$

**Find each sum or product mentally.**

28.  $5 \times 19 \times 2$

29.  $12 + 14 + 8$

30.  $5 \times 23 \times 20$

31.  $15 + 17 + 15$

32.  $4 \times 27 \times 25$

33.  $14 + 37 + 26$

34.  $25 + 26 + 15$

35.  $25 \times 6 \times 2$

36.  $13 + 6 + 17$