

LESSON
11-7

Practice C

Multiplying Integers

Use each set of integers to write two expressions, one with a positive product and one with a negative product.

1. -3, 2, -4

2. 8, -4, 5

3. -1, -9, 7

Find each product.

4. $9 \cdot (-12)$ _____

5. $-16 \cdot 13$ _____

6. $-8 \cdot (-25)$ _____

7. $-7 \cdot (-14)$ _____

8. $5 \cdot (-62)$ _____

9. $-10 \cdot (-19)$ _____

10. $6 \cdot (-81)$ _____

11. $0 \cdot (-99)$ _____

12. $-47 \cdot 9$ _____

Evaluate $12n$ for each value of n .

13. $n = 18$ _____

14. $n = -7$ _____

15. $n = -11$ _____

16. $n = -25$ _____

17. $n = 150$ _____

18. $n = -67$ _____

Evaluate each expression for the given value of the variable.

19. $-8w$, $w = 15$

20. $11v$, $v = -9$

21. $n \cdot 13$, $n = -40$

22. $-9m$, $m = -70$

23. $z \cdot 28$, $z = -8$

24. $(c)(-19)$, $c = -20$

25. Name two integers whose product is -24 and whose sum is 2.

26. Name two integers whose product is -15 and whose sum is 2.

27. Name two integers whose product is -18 and whose difference between the greatest and least number is 9.

28. Name two integers whose product is 12 and whose difference between the greatest and least number is 4.

