

Sixth Grade: Activity 10 Practice (pg. 125-6)

Lesson 10-1

1. D
2. B
3. A
4. -18
5. 9
6. 48
7. -72
8. 110
9. -49
10. 1
11. 1
12. -1
13. 0
14. >
15. >
16. <
17. <
18. -180 ft
19. a. -51°F
b. 119°F
20. the Distributive Property
21. a. 8
b. -3
c. -2
22. -24

Lesson 10-2

23. B
24. D
25. B
26. -2
27. 7
28. 4
29. -7
30. 1
31. 0
32. -1
33. -5
34. -2
35. D
36. a. $\frac{-(25 - (-23))}{8}$
b. $-6^{\circ}\text{F per min}$
37. a. -690 ft, which indicates that it was 690 ft below its original position
b. -115 ft/min
38. a. -\$138, which indicates that he ended with \$138 less than he started with
b. -\$23 per transaction
39. positive; Sample answer: Since the product is positive, either both numbers are positive or both numbers are negative. If both are positive, the quotient is positive. If both are negative, the quotient is positive. In both cases, the quotient is positive.