6th Grade Unit 2: Lesson 7-2

Check Your Understanding (p.90):

6. Locate each number on a number line. The integers are in order from least to greatest from left to right: $-5, -2, 6$.

7. -39 is greater: $|-43| = 43$ and $|-39| = 39$; 43 is farther from 0 than 39 so $-43 < -39$ or $-39 > -43$.

Lesson 7-1 Practice (p. 86):

8. $<$ 9. $>$ 10. $>$
11. $<$ 12. $>$ 13. $<$
14. $>$ 15. $<$ 16. $<$
17. $-7, -2, 0, 3, 4$
18. $-9, -6, -5, 1, 2, 8$
19. $-11, -8, 1, 10$
20. $-26, -17, 0, 3, 15$
21. $-16, -13, -8, 7, 9$
22. $-53, -41, -35, 20, 32, 48$
23. No, Lexie is not correct because the greater depth is the lesser integer.
24. Henry: -2; Maria: 1; Jorge: -3; Setsuko: 4; $-3, -2, 1, 4$; Jorge won the round since he had the lowest score.
25. From least to greatest the losses are $-12, -8, -7, -3$. Since Stock C is the least integer it lost the greatest amount. Since Stock B is the greatest integer it lost the least amount.
26. -4 is to the right of -6.