

- Regular: p. 6-7 #1-3, 17-27 odd, 30-38 even
- Modified: p. 6 #1, 3, 17, 19, 23, 27, 30
- Advanced: p. 6-7 #1-3, 17-27 odd, 30-38 even, 42

1. **VOCABULARY** Which of the following numbers are integers?

$$9, 3.2, -1, \frac{1}{2}, -0.25, 15$$

2. **VOCABULARY** What is the absolute value of an integer?

3. **WHICH ONE DOESN'T BELONG?** Which expression does *not* belong with the other three? Explain your reasoning.

$|6|$

6

-6

$|-6|$

Find the absolute value.

17. $|-45|$

19. $|-125|$

Copy and complete the statement using $<$, $>$, or $=$.

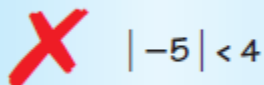
21. $|-4|$ 7

23. $|-4|$ -6

25. $|5|$ $|-5|$

ERROR ANALYSIS Describe and correct the error.

27.

 $|-5| < 4$

Order the values from least to greatest.

30. $8, |3|, -5, |-2|, -2$

32. $-12, |-26|, -15, |-12|, |10|$

Simplify the expression.

34. $|-30|$

36. $-|-15|$

38. **OPEN-ENDED** Write a negative integer whose absolute value is greater than 3.

Advanced:

42. **VOLCANOES** The *summit elevation* of a volcano is the elevation of the top of the volcano relative to sea level. The summit elevation of the volcano Kilauea in Hawaii is 1277 meters. The summit elevation of the underwater volcano Loihi in the Pacific Ocean is -969 meters. Which summit is closer to sea level?

Sentence: _____

Work: