Section 1
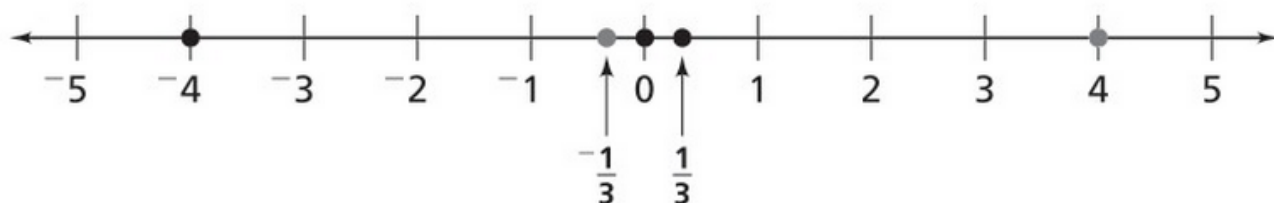
1.

    f. Answers may vary. Sample: $^-4$ is the
      same distance from 0 as 4.

2. Answers will vary. Samples:
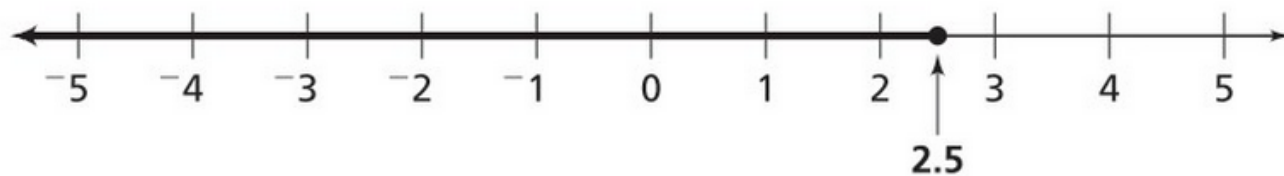 $^-50 + {}^-50 + {}^-50 = {}^-150$
    $^-50 + {}^-100 = {}^-150$
    $^-150 + 200 - 200 = {}^-150$
    $^-250 + 100 = {}^-150$

3. a. $>$ **b.** $<$
   c. $>$ **d.** $<$

4.

Section 2

1. D

Explanations may vary. Samples:
Subtracting a positive number has
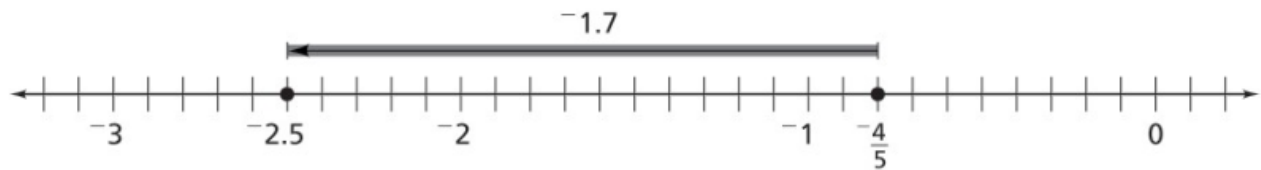the same result as adding a negative
number.

Or, I found the value of $^-15 - 12$ and
the values of each of the expressions to
see which matched.

2. $<$

Explanations may vary. Sample: When
both numbers are negative, the number
closer to zero is greater.

3. $^-2.5$

Figure 3

4. $\dfrac{^-5}{4}, \dfrac{^-1}{3}, 2\dfrac{1}{4}, \dfrac{13}{3}$

5. $n = 13$. Explanations will vary.
Sample: I used the related sentence
$24 + {}^-11 = n$ to find n.

6. 27

7. -7 **8.** 7

9. 3   **10.** -21

11. 2   **12.** -2

13. -16 **14.** -2

15. True   **16.** False

17. False   **18.** True

19. Answers will vary. Samples:
Exercise 16: The sum of a positive
number and a negative number is
negative when the absolute value of
the negative number is greater than the
absolute value of the positive number.
Exercise 17: The difference of two
negative numbers is negative when the
first number is less than the second
number.

Section 3

1. $-3 \cdot 4 = -12$ 2. $-100 \div 4 = -25$
3. -4 4. 8
5. 8.8 6. 29
7. 4 8. -120
9. 120 10. -3