

Chapter 3 Review Part 1

All the working/answers should be written in a new page (Good notes)

3.1

Integers (pp. 115–120)

Learning Target: Understand the concept of negative numbers and that they are used along with positive numbers to describe quantities.

Write a positive or negative integer that represents the situation.

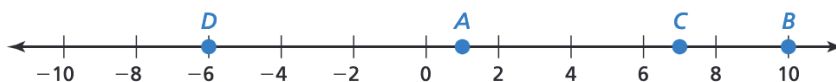
1. An elevator goes down 8 floors.
2. You earn \$12.

Graph the integer and its opposite.

3. -16
4. 13
5. 4
6. -100

Identify the integer represented by the point on the number line.

7. A
8. B
9. C
10. D



3.2

Comparing and Ordering Integers (pp. 121–126)

Learning Target: Compare and order integers.

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

11. 4 -7
12. -1 0
13. -5 -8

Order the integers from least to greatest.

14. $-5, 4, 2, -3, -1$
15. $5, -20, -10, 10, 15$
16. $-7, -12, 9, 2, -8$
17. Order the temperatures -3°C , 8°C , -12°C , -7°C , and 0°C from coldest to warmest.
18. Your teacher writes five different integers on a note card that are between -10 and 14 . When the integers are ordered from least to greatest, the middle number is 1. How many of the integers are positive? negative? Explain.

3.3**Rational Numbers** (pp. 127–132)

 **Learning Target:** Compare and order rational numbers.

Graph the number and its opposite.

19. $-\frac{2}{5}$


20. $1\frac{3}{4}$

21. -1.2

22. 2.75

Copy and complete the statement using < or >.

23. $-2\frac{1}{6}$  $-2\frac{5}{6}$

24. $-\frac{1}{3}$  $-\frac{1}{8}$

25. -3.27  -2.68

Order the numbers from least to greatest.

26. $-2.04, -3, -2.4, -2.19, -5.8$

27. $-3\frac{7}{8}, 4, -3\frac{3}{4}, \frac{1}{2}, \frac{1}{6}$

28. Write a number that is greater than -7.81 and less than -7 .

29. A dog buries a bone $-1\frac{5}{6}$ inches into the dirt. The dog buries a larger bone $-1\frac{3}{4}$ inches into the dirt. Which bone is buried deeper?