

4.1 Integers and Real-World Contexts

Chapter 4: Integers and the Coordinate Plane

Name: _____

Date: _____

Class/Period: _____

Problem 4.1 Write an integer for 13 feet below sea level.

Problem 4.4 Write an integer for no change in temperature.

Problem 4.2 Write an integer for a gain of 28 points.

Problem 4.5 Which is greater: -3 or 2 ?

Problem 4.3 Write an integer for a 40-dollar withdrawal.

Problem 4.6 Which is less: -14 or -9 ?

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Problem 4.7 Order $-6, 4, 0, -1$ from least to greatest.

Problem 4.10 Consecutive ticks differ by 5. What is one tick right of -10 ?

Problem 4.8 Order $7, -8, -2, 5$ from greatest to least.

Problem 4.11 Consecutive ticks differ by 3. What is four ticks left of 6?

Problem 4.9 A point is three unit ticks left of 0. Name it.

Problem 4.12 Explain why $-21 < -12$.

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Problem 4.13 A submarine is at -120 meters and a diver is at -35 meters. Which is closer to the surface?

Problem 4.15 The temperature is -5° in one town and -11° in another. Which town is warmer, and by how many degrees?

Problem 4.14 A football team gains 9 yards, loses 12 yards, and has no gain on the next play. Write the three changes as integers.

Problem 4.16 Two labeled ticks, -15 and 5 , are five equal intervals apart. Find the interval size.