

4.4 Absolute Value as Distance

Chapter 4: Integers and the Coordinate Plane

Name: _____

Date: _____

Class/Period: _____

Problem 4.49 $|19|$

Problem 4.52 $|- \frac{3}{7}|$

Problem 4.50 $|-7|$

Problem 4.53 $-|-8.2|$

Problem 4.51 $|0|$

Problem 4.54 $-(-11)|$

4.4 Absolute Value as Distance

Chapter 4: Integers and the Coordinate Plane

Problem 4.55 Solve $|x| = 9$.

Problem 4.58 Find the distance between -7 and -2 .

Problem 4.56 Solve $|y| = \frac{5}{4}$.

Problem 4.59 Find all points 6 units from 4.

Problem 4.57 Find the distance between -3 and 5 .

Problem 4.60 Find all points 2.5 units from -1 .

4.4 Absolute Value as Distance

Chapter 4: Integers and the Coordinate Plane

Problem 4.61 Which is farther from zero: -8.2 or 7.9 ? Explain.

Problem 4.63 Point $P = -0.6$, point $Q = 0.1$, and point $R = 0.4$. Find PQ and QR .

Problem 4.62 Order $-9, |-10|, -7, |-8.2|$ from least to greatest.

Problem 4.64 Point S is on the opposite side of -2 from 7 and is the same distance from -2 . Find S .