Number
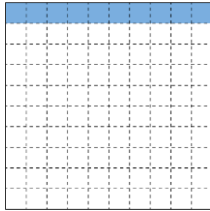
Activity 22 Assessment
Comparing and Ordering Decimals
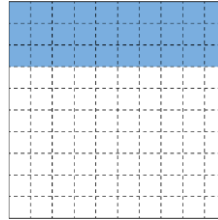
Exploring Decimals

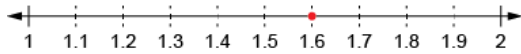| Demonstrates how decimals can be equally partitioned into tenths and hundredths	Relates visual representation of decimal with tenths to place value	Compares and orders decimals with tenths using a variety of strategies (e.g., benchmarks, grids)
"The large square is one whole. It has ten equal-sized rows. Each row is one-tenth."	"0.3; the digit in the tenth place is 3 because there are three tenths shaded."	"1.9 > 1.6: both decimals have 1 whole, so I compare the tenths. Nine tenths is greater than 6 tenths, so 1.9 is greater."

Observations/Documentation

Mathology 4
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Exploring Decimals (cont'd)

Rounds decimals with tenths to the nearest whole number	Relates visual representation of decimal with hundredths to place value	Recognizes and writes equivalent decimals
  "1.6 is 4 tenths away from 2 and 6 tenths away from 1. So, 1.6 is closer to 2."	 "0.34 represents 3 tenths and 4 hundredths, or 34 hundredths."	"0.2 = 0.20 2 tenths = 20 hundredths"
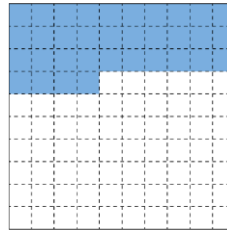
Observations/Documentation