Number

Activity 6 Assessment

Comparing and Ordering Rational Numbers

Content: Comparing and Ordering Rational Numbers			
Compares numbers of the same type and sign "–9 is less than –4 because it is farther to the left on a number line."	Compares and orders numbers of one type with different signs $\frac{1}{5}, -\frac{1}{3}, \frac{7}{8}, \frac{3}{4}$ "I arranged these fractions in ascending order. I know $-\frac{1}{3}$ is the least as it is the only negative number. Then I compared the other fractions to the benchmarks of $\frac{1}{2}$ and 1: $-\frac{1}{3}, \frac{1}{5}, \frac{3}{4}, \frac{7}{8}$."	Compares and orders rational numbers of different types "To compare –5.24 and $-\frac{36}{5}$, I wrote $-\frac{36}{5}$ as –7.2. Since –7.2 is farther left on a number line, –5.24 is greater."	Flexibly compares and orders rational numbers using a combination of strategies "When comparing and ordering decimals, fractions, and integers, I can write the numbers in different forms, and/or use benchmarks, place value, and estimation."
Observations/Documentation			

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Activity 6 Assessment

Comparing and Ordering Rational Numbers

Competency: Connecting			
Identifies rational numbers around them "I see negative numbers on a thermometer."	Connects rational numbers with the world "Rational numbers can be used to describe change in temperature: –6°C tells us that the temperature dropped 6°C overnight."	Uses rational numbers to better understand the world "I see that the average temperature gets warmer the closer we get to the equator."	Looks for ways to apply rational numbers to better understand the world "We can study temperature change to better understand global warming."
Observations/Documentation			