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| **Exploring Fractions and Decimals** |
| Uses counting to determine improper fractions and mixed numbers  “I counted 15 one-fourths. Each four-fourths is one whole, so = 3.” | Models fractions using quantities, lengths, and areas “I took jumps on a number line to show .” | Expresses improper fractions as mixed numbers and vice versa  = 1“5 = 3 + 2So, = + , which is the same as 1 + = 1.” | Compares and orders fractions, including improper fractions and mixed numbers (e.g., using benchmarks), ,  = 1, = 1, = 1“All the fractions are between 1 and 2. I compared to benchmarks: 1 is a little more than 1 and one-half. 1 is pretty close to 2. 1 is very close to 1. So, from least to greatest: , 1, 1.” |
| **Observations/Documentation** |
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| **Exploring Fractions and Decimals (cont’d)** |
| Represents decimal numbers to thousandths A picture containing text, screenshot, parallel, line  Description automatically generated“I shaded the grids to show 1.254.” | Identifies a decimal between two given decimals 2.834, ?, 2.84“Both decimals have 2 wholes.I know 2.834 has 834 thousandths and 2.84 has 840 thousandths.836 is between 834 and 840.So, 2.836 is between 2.834 and 2.84.” | Rounds decimals to a specified place value (e.g., nearest hundredth)**A picture containing text, line, font  Description automatically generated**“2.517 is closer to 2.52 than to 2.51, so I round up to 2.52.” | Flexibly compares and orders decimals 2.7, 2.649, 2.76“I ordered the decimals from least to greatest: 2.649, 2.7, 2.76.” |
| **Observations/Documentation** |
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| **Exploring Ratios** |
| Understands difference between part-part and part-whole relationshipsA black butterfly silhouettes  Description automatically generated“Butterflies to ladybugs is a part-part relationship and butterflies to all insects is a part-whole relationship.” | Expresses part-part and part-whole relationships with ratiosA black butterfly silhouettes  Description automatically generated“Butterflies to ladybugs: 3:1, a part-part ratio.Butterflies to all insects: 3:4, a part-whole ratio.” | Expresses part-whole relationships in different ways (i.e., ratios, fractions, decimals, percents)A black butterfly silhouettes  Description automatically generated“Butterflies to all insects: 3:4, , 0.75, 75%” | Flexibly interprets and expresses ratios to represent different situations4:5“A 4:5 ratio could represent a part-part situation, such as:A set of black stars and hearts  Description automatically generatedOr it could represent a part-whole situation, such as:”**A star with a white background  Description automatically generated** |
| **Observations/Documentation** |
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