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| **Exploring Ratios** | | | |
| Understands difference between part-part and part-whole relationships  A 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 ratios  A 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 situations  4:5  “A 4:5 ratio could represent a  part-part situation, such as:  A set of black stars and hearts  Description automatically generated  Or it could represent a part-whole situation, such as:”  **A star with a white background  Description automatically generated** |
| **Observations/Documentation** | | | |
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