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| **Relationship Between Repeated Addition of Unit Fractions and Multiplication** | | | |
| Counts unit fractions    “1 one-third, 2 one-thirds,  3 one-thirds” | Concretely solves problems involving the repeated addition of unit fractions  Miranda feeds her puppy, Atlas,  cup of food, 4 times per day.  How much food does the puppy get in two days?    “1 one-third, 2 one-thirds, 3 one-thirds, 4 one-thirds, 5 one-thirds, 6 one-thirds, 7 one-thirds,  8 one-thirds”  cups = 2 cups | Models symbolically and describes repeated addition of unit fractions    + + + + + + + =   = + = 2  “Atlas gets 2 cups  of food per day.” | Uses multiplication of unit fractions to flexibly solve related problems  Atlas is fed 4 times per day  for 2 days: 4 × 2 = 8  8 × = , or 2  “Atlas gets 2 cups of food.” |
| **Observations/Documentation** | | | |
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