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| **Multiplying Fractions** | | | |
| Multiplies a fraction by a whole number  3 ×  “I can think of this as 3 hops of  on a fraction number line.      From the diagram, 3 × = .” | Multiplies a whole number by  a fraction  × 3  “I want to find three-fourths of 3.  I can start by drawing 3, dividing it into 4 equal parts, then shading 3  of these parts.      From the diagram, × 3 = 2, which  is the same as 3 × .” | Multiplies a fraction by a fraction  ×  “I drew a rectangle and shaded  of it. Then drew a pattern of dots  on of the region I shaded.  In my diagram, there are 10 equal regions and 3 of them are shaded  and dotted. So, × = .” | Represents and solves problems that involve fraction multiplication  Luca has 3 identical pails of water.  Each pail is full. If Luca combines  the water, how many pails can  be filled?  “I drew 3 rectangles to represent the pails. I divided each into 4 equal parts and shaded 3 parts of each pail. I thought about how I could combine them to form complete  pails. There were 2 full pails plus  extra. So, the answer is 2 pails.” |
| **Observations/Documentation** | | | |
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