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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  Sam had a milk jug that was full.  After filling several glasses,  Sam noticed that they had used half of the milk that was in the jug.  What fraction of a jug was left?  “I divided a rectangle into 4 equal parts and shaded of it. I then drew a line to mark of . This line sliced the middle in half. I know that half of is , so I marked the rest of the eighths using a different shading.  The jug is full.” |

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| **Observations/Documentation** | | | |
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