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| **Multiplying and Dividing Whole Numbers by Proper Fractions** | | | |
| Models multiplication and division situations concretely and pictorially.  4 × = ?    “I modelled the multiplication with fraction strips, then counted fifths:  4 × = , or 2” | Uses models and think-addition strategies, to solve multiplication problems.  5 × = ?    “I know that multiplication is like repeated addition, so I used a number with each whole partitioned into fifths, then took  5 jumps of two-fifths: 5 × = 2” | Uses models and think-addition strategies without leftovers, to solve division problems.  4 ÷ = ?    “I used a number line from 0 to 4 and partitioned each whole into fifths. I took jumps of two-fifths until I reached 4. I took 10 jumps.  So, 4 **÷** = 10.” | Flexibly solves multiplication and division problems (with and  without leftovers).  5 ÷ = ?    There are 6 groups of , with  left over.  is of  So, the remainder is  5 ÷ = 6 |
| **Observations/Documentation** | | | |
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