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| **Solving Problems with Positive Rational Numbers** | | | |
| Identifies the operation required to solve a problem involving positive rational numbers  Raul worked 1 h. Sasha worked 2h. How many hours have Raul and Sasha worked altogether?  To find the number of hours worked, I would add how many hours each has worked. | Estimates the solution to a problem involving positive rational numbers  To find the number of hours worked, the expression is 1+ 2.  Estimate: 2 + 3 = 5  I estimate they worked about 5 h altogether. | Applies related operation strategies to solve a problem involving positive rational numbers  Raul has worked 1h. If Raul plans to work 4 h altogether, what fraction of his work has he completed?  1÷ 4 = ×  =  Raul has completed of 4 h. | Identifies and corrects errors in problems involving positive rational numbers  Correct any errors in the solution.  6÷ 4= (6 ÷ 4) + (÷ )  = 1+ 1  = 3  The answer is not reasonable,  since 3 × 4.5 = 13.5. The wholes and parts of mixed numbers need  to stay together. I would convert  to improper fractions first.  6÷ 4= ÷  = ÷  =  =  = 1 |
| **Observations/Documentation** | | | |
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