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| **Whole-Number Rates** | | | |
| Represents and records rates symbolically  It takes 6 apples to make an apple pie. How many apples are needed to make 9 pies?    “I used a number line to show how the number of apples increases as the number of pies increases.” | Represents and creates equivalent rates  Alex runs 500 m in 2 min. How far could Alex run in 10 min?    “I used a ratio table. It makes it easy to make comparisons and to solve the problem. Alex could 2500 m  in 10 min.” | Represents and creates in-between rates  Alex runs 500 m in 2 min. How far could Alex run in 7 minutes?    “7 is halfway between 6 and 8,  so I found the number  halfway between 1500 and 2000: 1750. Alex could run 1750 m.  in 7 min.” | Flexibly solves problems involving rates  Shila cuts lawns in the neighborhood and charges $7/hour. If Shila works for 6 hours each week, how many hours will Shila need to work to make $168?    “I know that Shila makes $42 a week (7 × 6 = 42). From the ratio table, Shila will make $168 dollars  after 24 hours of work.” |
| **Observations/Documentation** | | | |
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