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| **Relating Ratio and Proportion** | | | |
| Writes a ratio in simplest form  The terms in the ratio 28:12 have  4 as their greatest common factor.  In simplest form, 28:12 = 7:3 | Writes equivalent ratios for  a two-term ratio  Equivalent ratios for 24:16 are  12:8, 6:4, 3:2, and 48:32 | Uses equivalent ratios to identify an unknown number in a ratio table    For *a*:  1st column: 3 × 3 = 9  2nd column: 2 × 3 = *a*  So, *a* = 6  For *b*:  2nd column: 2 × 6 = 12  1st column: 3 × 6 = *b*  So, *b* = 18 | Uses a proportion to solve  a ratio problem  For *a*:  3:2 = 9:*a*  Write each ratio as a fraction.    *a* = 2 × 3  *a* = 6 |
| **Observations/Documentation** | | | |
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