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| **Working with Fractional Percents** |
| Represents a fractional percent between 0% and 1% on a gridHow could you represent % on a hundredths grid?% is one-fourth of 1%, so % is one-fourth of a square on a hundredths grid. | Determines a fractional percent between 0% and 1% What is % of 250?1% of 250 = 250 ÷ 100 = 2.5% of 250 = 2.5 ÷ 5 = 0.5So, % of 250 = 2 × 0.5 = 1 | Determines a decimal percent of a numberWhat is 36.5% of 470? 36.5% = (3 × 10%) + (6 × 1%) + (5 × 0.1%)  10% of 470 = 47 1% of 470 = 4.70.1% of 470 = 0.47So, 36.5% of 470  = (3 × 47) + (6 × 4.7) + (5 × 0.47) = 171.55Or 36.5% of 470 = 0.365 × 470= 171.55 | Solves a problem involving a fractional percentAs an incentive to get new customers, a bank offers an interest rate of 3.5% for a set time period.How much would a person earn if they invested $255 for that time? 3.5% of $255= 0.035 × $255≈ $8.93 |
| **Observations/Documentation** |
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