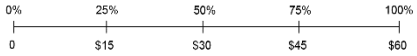
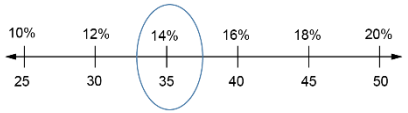
Number

Activity 19 Assessment
Working with Percents

Working with Percents			
Determines a part given its percent and the whole 25% of $60 is ___. I used a number line.  25% of $60 is $15.	Determines a percent given its quantity and the whole ___% of 75 is 30. I used benchmarks and mental math. 100% is 75. 10% is 7.5. Since 4 × 7.5 = 30, 40% of 75 is 30.	Determines a whole given a quantity and its percent 75% of ___ is 30 I used equivalent fractions. $\frac{75}{100} \div \frac{5}{5} = \frac{15}{20}$ $\frac{15}{20} \times \frac{2}{2} = \frac{30}{40}$ So, the whole is 40. 75% of 40 is 30.	Solves a problem involving percents from 1% to 100% In a survey, 250 people were asked which is their favourite fruit. 35 people said bananas. What percent of people said bananas? "I can use a number line."  10% of 250 is 25. 20% of 250 is 50. 14% of 250 is 35. So, 14% of people said bananas were their favourite fruit.
Observations/Documentation			

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