

# Activity 13 Assessment

## Estimating Sums and Differences

Estimating Sums and Differences			
<p>Uses front-end estimation</p> <p>Estimate: <math>48 + 18 + 17</math>  <math>40 + 10 + 10 = 60</math></p> <p>"I estimate about 60."</p>	<p>Uses rounding to write each number to the nearest ten</p> <p>Estimate: <math>48 + 18 + 17</math>  <math>50 + 20 + 20 = 90</math></p> <p>"I estimate about 90."</p>	<p>Uses rounding and compensation</p> <p>Estimate: <math>48 + 18 + 17</math>            "I'll round two up and one down so the numbers balance."  <math>50 + 20 + 10 = 80</math></p> <p>"I estimate about 80."</p>	<p>Estimates flexibly to check reasonableness of solution</p> <p><math>15 + 51 + 39 = 107</math>            Estimate to check:  <math>15 + 39</math> is about 50.            51 is close to 50.  <math>50 + 50 = 100</math></p> <p>"Since 107 is close to 100, the solution seems reasonable."</p>
Observations/Documentation			