

## Activity 4 Assessment

### Estimating Sums and Differences

| Estimating Sums and Differences   |   |   |   |
|---|---|---|---|
| <p>Uses front-end estimation</p> <p>Estimate: <math>28 + 46 + 177 + 158</math><br/> <math>20 + 40 + 100 + 100 = 260</math></p> <p>“I estimate about 260.”<br/>           (« <i>J'estime à environ 260.</i> »)</p> | <p>Uses rounding to write each number to the nearest ten</p> <p>Estimate: <math>28 + 46 + 177 + 158</math><br/> <math>30 + 50 + 180 + 160 = 420</math></p> <p>“I estimate about 420.”<br/>           (« <i>J'estime à environ 420.</i> »)</p> | <p>Uses rounding and compensation</p> <p>Estimate: <math>28 + 46 + 177 + 158</math><br/>           I'll round two up and two down.<br/> <math>30 + 40 + 170 + 160 = 400</math></p> <p>“I estimate about 420.”<br/>           (« <i>J'estime à environ 420.</i> »)</p> | <p>Estimates flexibly to check reasonableness of solutions</p> <p><math>3123 + 1248 + 4169 + 1150 = 9690</math></p> <p>Estimate to check:<br/> <math>123 + 169</math> is about 300,<br/>           so <math>3123 + 4169</math> is about 7300.<br/> <math>248 + 150</math> is about 400,<br/>           so <math>1248 + 1150</math> is about 2400.<br/> <math>7300 + 2400</math> is 9700.</p> <p>Since 9690 is close to 9700,<br/>           the solution seems reasonable.<br/>           (« <i>Comme 9 690 est proche de 9 700, la solution semble raisonnable.</i> »)</p> |
| Observations/Documentation  |   |   |   |
|   |   |   |   |