Front End Estimation w/ Addition and Subtraction Guided Lesson Explanation

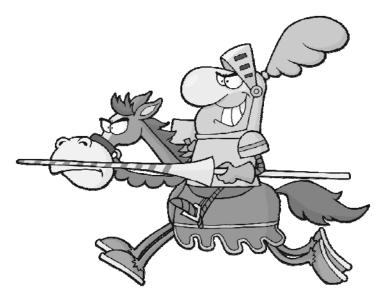
There are two basic steps in these problems:

Step 1) Round each value.

Find the highest place value of each integer. Look at the place value below it. If that lower place value is 5 or more, round up. If that lower place value is 4 or less, round down.

Step 2) Add or Subtract the Front Ends

Add or subtract the front digits of the numbers and drop the zeroes.



1. 9<u>1</u>8 + 6<u>4</u>5 >>BECOMES>> 900 + 600 >>ADD (9 + 6)>> 1,500

2. 1<u>8</u>7 + 6<u>5</u> >>BECOMES>> 200 + 70 >> 270

3. 9<u>1</u> + 2<u>6</u> >>BECOMES>> 90 + 30 >>ADD (9 + 3)>> 120

4. 9<u>7</u>1 - 9<u>5</u> >>BECOMES>> 1,000 - 100 >>SUBTRACT (10 - 1)>> 900

5. 83 - 38 >>BECOMES>> 80 - 40 >>SUBTRACT (8 - 4)>> 40

6. 782 - 567 >>BECOMES>> 800 - 600 >>SUBTRACT (8 - 6)>> 200

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