***Subtracting Decimals***

Name: Div.: Date:

Steps:

1. Round each number to the nearest whole number (ending in a zero or 5) and add as required to get a rough estimate of your answer.
   1. E.G. 34.6 + 27.8 becomes 35 plus 30, which is 65.
   2. E.G. 3.46 – 2.78 becomes 3.5 minus 3, which is 0.5
2. Line up the place values using the decimal place as a spot holder

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 3 | 5 |  |  |
|  |  | 3. | 7 |  |
| - |  | 0. | 5 | 9 |

* 1. E.G. 35 - 3.7 - 0.59 🡪

Note: Every Whole number has a decimal after it! Think about money 🡪 $1 or $1.00

1. Fill any spaces with zeros (\*optional place holder)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 3 | 5. | *0* | *0* |
|  |  | 3. | 7 | *0* |
| - |  | 0. | 5 | 9 |

1. Subtract each place value
   1. Subtracting
      1. If the number you are subtracting from (minuend) has a digit with a smaller value than its subtrahend of the same place value, then you must borrow “10” from a higher place value
         1. Think of it as you don’t have enough loonies to pay for your food so you have to break a $10. Now you have 1 less 10 and 10 more ones!
      2. Repeat as needed

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 3 | 4 ~~5~~. | *10* | *0* |
| - |  | 3. | 7 | *0* |
|  | 3 | 1. | 3 | 0 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 3 | 1. | *2 ~~3~~* | *10* |
| - |  | 0. | 5 | *9* |
|  |  | . |  | 1 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 3 | 0~~1~~. | *12 ~~3~~* | *10* |
| - |  | 0. | 5 | *9* |
|  | 3 | 0. | 7 | 1 |

Had to borrow from the 3, (which made it a 2) so that I could subtract 9 from 10 🡪 you can’t subtract 9 from 0 when there are higher values you can break down. Then I had to borrow from my 1 in the ones position to make my 2 a 12 so I could subtract 5 from it.

|  |  |
| --- | --- |
| Estimate; then find the difference: |  |
| 1) 92.2 – 36.1 | 6) 306 – 238.91 |
| 2) 62.5 – 15 | 7) 105.4 – 95.594 |
| 3) 75.5 – 54.7 | 8) 400 - 245.374 |
| 4) 325.50 – 306.19 | 9) 32.5 – 0.901 – 19.07 |
| 5) 30.07 – 29.6 | 10) 98 – 9.9 – 23.045 |