

**DECIMAL**

**DOUGH**

**OBJECTIVES:**

(4)  Number and operations. The student applies mathematical process standards to develop and use strategies and methods for whole number computations and decimal sums and differences in order to solve problems with efficiency and accuracy. The student is expected to:

(A)  add and subtract whole numbers and decimals to the hundredths place using the standard algorithm;





**DECIMAL DOUGH**

**STEP #1: In this activity you will be using decimals to figure out the value of your animal by using the alphabet grid below. You will start with $100 and then add or subtract the decimals for each letter.** **Look at the example completed for you for the name “Nicole”.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| A= add$10.50 | B= subtract$3.50 | C= add$11.50 | D= add$8.25 | E= add$24.50 | F= add$7.50 |
| G=add$22.50 | H= subtract$9.50 | I= add$9.75 | J= subtract$15.75 | K= subtract$12.75 | L= subtract$11.50 |
| M= add$5.75 | N= subtract$2.50 | O= add$4.50 | P= add$4.75 | Q=add$30.50 | R= subtract$5.50 |
| S= subtract$2.25 | T=subtract$2.50 | U= subtract$13.25 | V= add$17.25 | W= add$7.25 | X= add$11.50 |
| Y= subtract$12.75 | Z= add$6.75 |  |  |  |  |
| **EXAMPLE using a girl’s name:** | **NOW FIGURE WHAT YOU ANIMAL IS WORTH…..** |
| Start with $100.00(N) - 2.50$97.50$97.50 (i) + 9.75$107.25$107.25 (c) + 11.50$118.75$118.75 (o) + 4.50$123.25$123.25 (l) -11.50$111.75$111.75 (e) +24.50$136.25**TOTAL VALUE****FOR “NICOLE”****= $136.25** | Start with $100.00 and show ALL of your work below. |

**Step #2: Record the value of your name below.**

My animal is worth .

**Step #3: Now answer the questions below.**

a. What animals costs LESS THAN your animal?

How much did that animal cost?

b. What animal costs MORE THAN your animal?

How much did that animal cost?

c. By looking at the alphabet chart, what name would you give your animal if you wanted him/her to be worth a lot?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

SHOW YOUR WORK HERE:

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