



Write your word wall words here:

Your homework assignment this week is to determine the value of each word wall word. To find the value of a word, first you find the value of each letter of the word, then sum the value of all the letters in the word. Take the word dinosaur, for example. The value of "d" is 4 points, the value of "i" is 9 points, the value of "n" is 14 points, and the value of "o" is 15 points. The table below shows the value of every letter of the alphabet.

The value of "dinosaur" is found by solving the following math problem:

$$D + I + N + O + S + A + U + R$$

$$4 + 9 + 14 + 15 + 19 + 1 + 21 + 18 = ?$$

DO NOT USE CALCULATORS, unless you want to double check the thinking your brain has already done. Here is one of a few great strategies to use when solving this problem: Make Tens and Twenties. Add the 9 from "I" and the 1 from "A" to make 10. Transfer 1 from the "U," lowering it to 20, over to the "S," raising it to 20. We do it on the board like this:

$$D + \cancel{I} + N + O + \cancel{S} + \cancel{A} + \cancel{U} + R$$

$$4 + \cancel{9} + 14 + 15 + \cancel{19} + \cancel{1} + \cancel{21} + 18 = ?$$

$$4 + 10 + 14 + 15 + 20 + 20 + 18 = ?$$

Next break up the 4 from the "D" to add to other numbers. Take 2 and add it to the 18 to make a 20, add 1 to the 14 to make it another 15, and leave the last 1 alone until the end.

$$4 + 10 + 14 + 15 + 20 + 20 + 18 = ?$$

$$1 + 10 + 15 + 15 + 20 + 20 + 20 = ?$$

$$1 + 10 + 30 + 60 = ?$$

$10 + 30 = 40$  and  $40 + 60 = 100$ . Add the 1 left over from the "D" and the value of Dinosaur is 101 points.

### Letter Values for the Value of Words Homework:

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26