

**I started doing this problem almost 30 years ago with my students, but I now see that it is a common problem. So much for my originality.**

**Let each letter in the alphabet be given a value with the first letter being worth 1 and the next letter being worth 2, all the way to the last letter of the alphabet being worth 26. Find 4 real words whose letters add up to 100.**

**For example, the words printer, thirty, and excellent are all words that add up to 100. Obviously you can't use those as your choices.**

**I have given you the values below to save you time from listing them all out.**

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

**EXAMPLE: Printer = 16 + 18 + 9 + 14 + 20 + 5 + 18 = 100**

**Your 4 words are \_\_\_\_\_**