

Name: _____

Period: _____

Use the tables provided to answer #1 and #2 below:

1. Ben had three times as many nickels as dimes. If the total value of his coins was \$1, how many of each kind of coin did he have?

V:

| Type of Coin | # | Value of Coin | Total Value |
|--------------|-----|---------------|-------------|
| D | x | | |
| N | | \$0.05 | |
| | | | \$1.00 |

E:

S:

A:

2. A piggy bank contained \$14.55 in quarters, dimes and nickels. If there were three more than twice as many dimes as nickels and three less than three times as many quarters as nickels, how many of each kind of coin was in the piggy bank?

V:

| Type of Coin | # | Value of Coin | Total Value |
|--------------|-----|---------------|-------------|
| Q | | | |
| D | | | |
| N | x | \$0.05 | $0.05x$ |
| | | | \$14.55 |

E:

S:

A:

Turn the page over. There is a back!!



Set up a table, and use VESA to solve #3-5 below:

3. Brian had 5 times as many quarters as dimes. If the total value of her coins was \$16.20, how many of each kind of coin did she have?
4. Jenny received \$6.10 in tips one afternoon. All of her tips were in quarters, dimes and nickels. There were five less dimes than quarters and seven less nickels than dimes. How many of each kind of coin was there?
5. Grant's change rack contained \$8.80 in quarters, dimes and nickels. There were two more than five times as many nickels as quarters and four less than twice as many dimes as quarters. How many of each kind of coin was there in the change rack?