

Name _____



Additional practice for making change by counting on

Sam buys a pack of gum for \$.33 and uses a \$5.00 to pay for the gum. Give Sam his change using the least amount of coins and dollar bills.

\$.33 → \$5.00

*We always want to get to an amount that ends in a 5 or a 0. Because \$.33 ends in a 3 we need to add pennies.

\$.02

P, P → \$.35

We want to hit a magic number (25, 50, 75, or 00). 50 is the closest magic number, so we can add a nickel and a dime to get to 50.

\$.15

N, D → \$.50

Once we hit a magic number we can add quarters.

\$.50

Q, Q → \$1.00

Now we are at \$1.00 so we can add dollars.

\$4.00
<u> </u>
<u>\$4.67</u>

\$1.00 \$1.00 \$1.00 \$1.00 → \$5.00

Sam's change is 4 dollar bills, 2 quarters, 1 dime, 1 nickel, and 2 pennies for a total of \$4.67.

Now try one on your own. Tyler buys a baseball card for \$1.21 and uses a \$5.00 to pay the card. Give Tyler his change using the least amount of coins and dollar bills.

Make and solve a few of your own problems on the back, or use this web site for practice at home:

<http://www.aaamath.com/mny313-coins-for-change.html#section>