



Math Olympiad and Problem Solving Programs
F120 - Intermediate Problem Solving
Problem Set 17.2 - Review

Name:

Date:

1.
2.
3.
4.
5.
6.
7. If I double the pennies and then I have 29 cents, then I have $29 - 17 = 12$ more cents. So since doubling my pennies means I get 12 more cents, that means I must have 12 pennies. This is possible if I have a nickel and 12 pennies (17 cents), and then I double the pennies and now I have a nickel and 24 cents, so 29 cents. So I originally have pennies.
8.
9.
10.