

Math Olympiad Beginner
Homework 11

Name _____

1.



2.

Mrs. Allen spends $\frac{3}{5}$ of her money at the grocery store. Next she spends $\frac{3}{5}$ of her remaining money at the gas station. She then has \$8.00 left. With what total number of dollars did Mrs. Allen start?

\$50

3. A woman spent two-third of her money. She lost two-third of the remainder and then had \$4 left. With how much money did she start?

\$36

4. I spent $\frac{3}{5}$ of my money in store A. I then spent $\frac{3}{4}$ of what remained in store B. When I left store B, I had \$5. how much money did I have when I entered store A?

\$50

5. Mrs. Winthrop went to a store, spent half of her money and then \$10 more. She went to a second store, spent half of her remaining money and then \$10 more. But she then had no money left. How much money did she have to begin with when she went to the first store?

\$60

6. Tom went to a store and spent one-third of his money. He went to a second store where he spent one-third of what remained, and then had \$12 when he left. How much money did he have to begin with at the first store?

\$27

7. Mr. Rogers went to a store where he spent one-third of his money and then \$24 more. He then went to another store when he spent two-third of his remaining money and then \$24 more. He then had no money left. How much did he have when he entered the first store?

\$144