

Name: _____

Grade 6 • Problem-of-the-Day Exercises

Solve each problem. Use pictures, numbers, and words to explain.

Day 1

Problem: Angie had some red and blue beads. 40% of her beads were red. When she lost 50 blue beads, the number of blue beads was reduced by $\frac{1}{3}$ its original number of beads. How many beads did Angie have in the end?

Day 2

Problem: A grocer sold 30% more apples than oranges and 10% more pears than oranges. He sold 104 apples. If apples were sold in bags of 4 for \$6, pears were sold in bags of 8 for \$10 and oranges were sold in bags of 2 for \$3, how much did the grocer collect?

Day 3

Problem: Ben and Tom had a total of 144 stickers. Ben gave Tom $\frac{1}{5}$ of what he had. Tom then gave $\frac{1}{4}$ of what he had to Ben. If both of them had an equal number of stickers in the end, how many stickers did each of them have at first?