



Problem of the Week

Problem C

Gone Shopping

While grocery shopping, Terry has a way to approximate the total cost of his purchases. He simply approximates that each item will cost \$3.00.

One day, Terry purchased 20 items. He purchased items that each had an actual cost of either \$1.00, \$3.00, or \$7.50. Exactly seven of the purchased items had an actual cost of \$3.00. If the total actual cost of the 20 items was the same as the total approximated cost, how many items had an actual cost of \$7.50?

