

Math Problem of the Day for May 19 to 22

Tuesday

A recipe that serves 8 calls for $2\frac{1}{2}$ cups of flour. How many cups of flour should you use if you want to adjust the recipe to make 12 servings?

Wednesday

Laney bought a cup of coffee and two cookies at her local coffee shop. The coffee cost \$1.89. She got \$1.23 back as change from the \$5.00 bill she gave the cashier. How much did each cookie cost? (Assume no sales tax).

Thursday

Ben left a 20% tip for his waiter. If he left \$4.20, how much did his bill come to before the tip?

Friday

Janie reaches into her sock drawer without looking. If she has 10 loose white socks, 4 blue socks, 2 red socks, and 4 black socks in the drawer what is the probability that both the first and second sock that Janie pulls out will be black? (She does not replace the first sock before picking the second one).