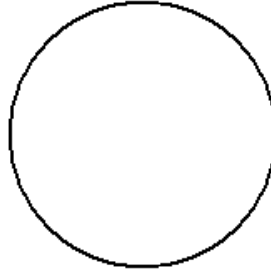


1. Compute $\frac{4}{9}$ of 63.
2. Shade $\frac{5}{9}$ of the circle shown below.



3. Compute $\frac{5}{6}$ of 24.
4. The price of a TV is \$400. We want to raise the price by 5%. What is the new price?
5. The price of a couch is \$700. Next week, it will go on a 15% sale. What is the new price? (A 15% sale means that the price of the item is lowered by 15%.)
6. Find $\frac{3}{4}$ of 56.
7. We placed \$2000 into a bank account with 6% yearly interest rate. How much money do we have in the bank after one year?
8. This problem is about a method of comparing fractions.
 - (a) Compute $\frac{3}{7}$ of 420.
 - (b) Compute $\frac{4}{10}$ of 420.
 - (c) Based on the results of parts a) and b), which fraction is larger, $\frac{3}{7}$ or $\frac{4}{10}$?
9. Bert has made \$54 000 last year. If he has to pay 32% of his income in taxes, how much taxes does he owe and how much of his income will he keep?
10. Sally used to make \$2400 per month, but now she got a 3% raise. How much is her monthly salary now?
11. Mr. X won \$600 000 in the lottery two yers ago. By now he has spent some of the money. When he was asked what happened, he said the following. *"I didn't spend it all. I spent $\frac{1}{3}$ of the money by taking a luxury yacht trip around the world. Then I put the rest in the bank. Later I decided to buy a house I really liked. So I took $\frac{3}{4}$ of the money out of the bank and baught the house. For half of what was left, I purchased stocks that completely lost their value. Finally, I gave $\frac{2}{5}$ of what's left to my niece for her college education."*

How much money is left from the winnings?