Name_____ Date _____

6.3 Practice A

Use any method to answer the following questions.

1. What number is 20% of 40?

2. 12 is what percent of 50?

3. 42 is 60% of what number?

4. What number is 150% of 92?

5. 40% of what number is 15?

6. 24 is 0.6% of what number?

7. What percent of 75 is 27?

8. 17 is what percent of 68?

9. Of the 60 seeds that you plant, 80% germinate. How many seeds germinate?

10. You are charged 6% sales tax. You purchase a new bicycle and pay $27 in sales tax. What is the purchase price of the bicycle?

11. 0.2 is what percent of 16?

12. 19.6 is 24.5% of what number?

13. $\frac{3}{5}$ is 30% of what number?

14. What number is 45% of $\frac{5}{9}$?

15. You are making 28 name badges for a committee. You complete 75% of these on Monday. How many do you have left to complete on Tuesday?

16. You and your friend are selling tickets for the orchestra concert. On Thursday, you sold 15 tickets and your friend sold 10 tickets.

    a. What percent of the tickets sold on Thursday did you sell?

    b. On Friday, you sold 9 tickets and your friend sold 16 tickets. What percent of the tickets sold on Friday did you sell?

    c. What percent of the total tickets sold on Thursday and Friday did you sell?