

9. Luis needs \$45 to buy his mother a birthday present. He has saved 22% of the amount so far.

a. How much has he saved?  $9.9 \quad \frac{x}{45} = \frac{22}{100}$

b. How much more does he need?  $35.1$

10. The student population at WLMS is 52% female. The total student population is 1,225 students.

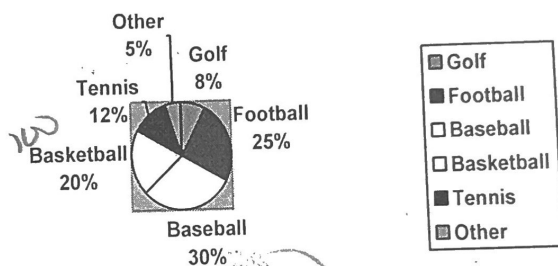
a. How many girls go to WLMS?  $637 \quad \frac{x}{1225} = \frac{52}{100}$

b. How many boys go to WLMS?  $588$

11. Lisa spent \$18.95 on her lunch. About, how much money she should leave for a 20% tip?

$\frac{20}{100} \times 18.95 = 3.79$   $\$3.79$

12. In a survey, 500 teenagers were asked to name their favorite sport to watch on television. How many chose:



$\frac{x}{500} = \frac{20}{100}$

a. Basketball:  $100$

b. Golf:  $40$

c. Football:  $125$

13. The dinner bill for the Johnson family was \$58. Mr. Johnson left a tip of 15% of the bill.

a. What was the tip?

b. What was the total cost of the family's dinner?

14. A dress is regularly priced at \$120, and it is marked 20% off the regular price.

a. What is the amount of savings, or the amount that the dress was marked down?

b. What was the new price for the dress?