**For #1 − 6, write the following decimals as percents.**

1) 0.011

2) 0.001

3) 0.91

4) 1.75

5) 20

6) 0.6

**In #7-12, write the following fractions as a percent** (round to two decimal places where necessary)**.**

7) 

8) 

9) 

10) 

11) 

12) 

**In #13 – 18, write the following percentages as reduced fractions.**

13) 11%

14) 65%

15) 16%

16) 12.5%

17) 87.5%

18) 150%

**#19 - 26 Answer the following.**

19) 32% of 600 is what number?

20) 50% of $9.00 is how much?

21) 8 is 20% of what number?

22) 99 is 180% of what number?

23) What percent of 150 is 5?

24) What percent of 50 is 2500?

25) $3.50 is 25% of what number?

26) 105 is 70% of what number?

**#27 - 30 Write an equation for each, then solve.**

27) A PS4 is advertised on sale. It is 35% off and is now $245. What was the original price?

28) A Starbucks employee is currently paid $9.50 per hour. If she works a full year, she gets a 12% pay raise. What will her new hourly rate be after the raise?

29) A $49.99 shirt at American Apparel goes on sale for $29.99. By what percent was the shirt discounted?

30) One of the Pen clubs hopes to raise $30,000 to donate to the National MS Society. So far the club has raised $1,750.00. What percent is this of their goal?