

**Directions: Set up a proportion and then solve it. Round to the nearest hundredth.**

1) 95 is 68% of what number?

2) What percent of 85 is 65?

3) What is 115% of 75?

4) 2% of what number is 60?

**Directions: Set up a proportion for the following. Then solve your proportion. Round to the nearest hundredth.**

5) Usain Bolt cuts 0.8 seconds off of 9.58 seconds in the 100 meter dash. What percent of his time did he cut off?

6) Simone Biles performed the FLYING ALGEBRO during the Olympic finals. That one move accounted for 5% of her overall score of 62.135. How many points was the FLYING ALGEBRO worth?

7) Megan Rapinoe donates 15% of her salary to charity each season. Last season she gave \$80,000 to charity. How much was her salary?

- 1) 139.71
- 2) 76.47%
- 3) 86.25
- 4) 3000
- 5) 8.35%
- 6) 3.107
- 7) \$533,333.33