1. In a furniture store advertisement it was stated “our store offers six new sofa styles - that’s 40% more than the competition.” Explain why the person writing the advertisement does not understand the mathematics involved.

2. A student says that if the sale price of a shirt during a 60% off sale is $27.88, then you find the amount of money you saved by multiplying $27.88 times \( \frac{60}{100} \) or 1.5. What would you respond?

3. Yoko says that if a car dealer pay General Motors $17,888 for new car and he then tries to sell it for 20% over cost and it doesn’t sell, he can later sell it for 20% off and he’ll still come out even. Do you agree? Explain.