**Puzzling Percents – 2**

Robert and Denae got together to compare homework answers. They each got different answers for the problem below. You may use estimation (no calculators!) to decide which of the two is correct. Explain why the incorrect method doesn’t work.

**Sam bought a television. The final price of the TV including 11% sales tax was $1,609.50. What was the price of the television before tax?**

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| **Robert’s Solution** | **Denae’s Solution** |
| 1609.50/1.11 = 1450The pre-tax cost of the TV is $1450. | 1609.50 x .11 = 177.051609.50 – 177.05 = 1432.46The pre-tax cost of the TV is $1432.46 |

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