Activity Set 6.1 Exercises and Activities: Problems # 2, 3 (18/18)

Directions: Write your answers in complete sentences, using proper grammar, spelling, and punctuation.

Understanding	Accuracy	Communication	Presentation	Total
2	2	2	2	8

2. School Classroom: Elementary students learn that one or more zeros can be placed at the end of a decimal without changing its value, but they usually do not understand why. Use Decimal Squares to illustrate .3 = .30 = .300 and write an explanation involving the use of additional zeros that would make sense to students. Copy Blank Decimal Squares from the companion website.

Understanding	Accuracy	Communication	Presentation	Total
2	a) 2 b) 2	2	2	10

3. School Classroom: The Elementary School Text page at the beginning of this section (copied below) shows four models for illustrating the decimal 1.65.

a. Using the three models (1) *Money*, (2) *Decimal Model*, and (3) *Base-Ten Blocks*, illustrate and explain how you would use each model to help an elementary school student see that 2.3 > 2.29.

b. Explain how you would relate each model in part a to the *Place-Value Chart* model also shown on the school page.

