

Name:

Date:

Class:

Engineer a Coin Sorter Math!

Engineers use math and science principles in the design process. As an engineer designing a coin sorter, you need to make a few calculations.

1. What measurements are important for your design?
2. Compare the important measurements of the different coins. (For example, if diameter is an important measurement in your design, what is the difference between the diameter of a penny and the diameter of a nickel?)

Coin	Differences between Selected Measurement	Differences between Selected Measurement
penny & nickel		
penny & dime		
penny & quarter		
nickel & dime		
nickel & quarter		
dime & quarter		

3. Are there any other important calculations you need to make? If so, complete those calculations on the back of this worksheet.