

Comparing Metric Units

Materials: base 10 blocks, rulers, meter ruler



1. Work with a partner. Measure the length in mm of ten base ten rods placed end to end.
2. Measure the length a second time in cm.
3. Measure the length a third time using a meter ruler.
4. Repeat five times using different numbers of base ten rods.
5. Record all measurements in a table with the headings below:

No. of Base Ten Rods	Length in mm	Length in cm	Length in m

6. Describe any patterns or relationships that you find among the three metric units used.