

Activity 2 (10 minutes)

Three digital calipers *A*, *B* and *C* were used to measure the length of a gage block of nominal length 20.00 mm. Five readings were recorded for each caliper. The readings taken are as follows:

Digital caliper	Readings (mm)
<i>A</i>	20.05, 20.08, 19.99, 20.02, 20.06
<i>B</i>	20.15, 20.16, 20.14, 20.15, 20.16
<i>C</i>	19.23, 19.44, 20.00, 21.02, 19.03

Which caliper has the :

- (a) highest accuracy?
- (b) lowest accuracy?
- (c) highest precision?
- (d) lowest precision?

