

SECTION A**TASK A1**

Candidates will make measurements on glass marbles.

Test 1:

- 5 × marbles
- 2 blocks of wood of sufficient length to accommodate 5 marbles placed side by side
- 1 × ruler with 1 mm scale, e.g. ½ metre ruler (± 1 mm)
- Card with the mean mass of a marble ± 0.2 g given. Card should be worded:
Mean mass of marble = $x.x \pm 0.2$ g*
- * Determine by weighing a set of 5 marbles.

Test 2:

The apparatus is as for **Test 1** except that steel ball bearings should be used instead of marbles.