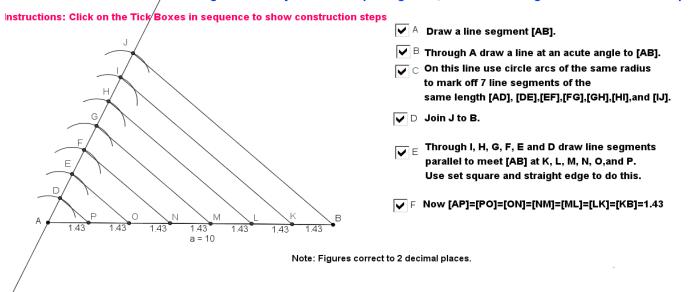


## **Student Activity Construction 7**

Use in connection with the interactive file, 'Construction 7', on the Student's CD.

Construction 7: Division of a line segment into any number of equal segments, without measuring it.

Construction 7. Division of a line segment into any number of equal segments, without measuring it. Note n = 7 in this example.



1. Move the point B on the interactive file to make |AB| = 10. Write down the lengths of |AP|,

|PO|,|ON|,|NM|, |ML|, |LK| and |KB|

Move the point B on the interactive file to make |AB| = 7.98. Write down the lengths of |AP|,

|PO|,|ON|,|NM|, |ML|, |LK| and |KB|



What conclusion can you draw from the answers to questions 1 and 2 above?

Conclusion \_\_\_\_\_

3. Divide the line segment [AB] into 7 equal parts without measuring it.



4. Divide the line segment [AB] into 5 equal parts without measuring it.

