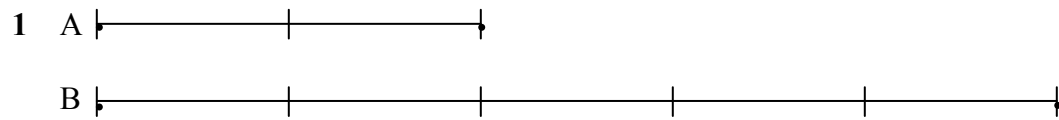


## Ratio and Proportion



**a** List several possibilities for the lengths of Segment A and Segment B and make observations about mathematical relationships you can “see” in the lengths of the segments.

**b** Now suppose the difference between the lengths of Segments A and B shown above is 60 linear units. What can you conclude?

2 **a** Sketch 2 line segments whose ratio is 8 to 3.

**b** What are several possibilities for the lengths of these segments?

**c** Suppose the difference in their lengths is 30. What can you conclude?