Exercise 31.1B

1. In each of the pairs of lines, the line on the bottom is an enlargement or reduction of the line on the top. By measuring each of the following pairs of lines (to the nearest 2 mm), calculate the scale factor:
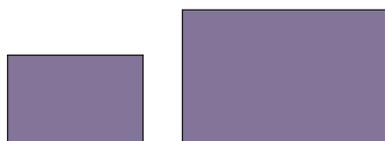
(a)
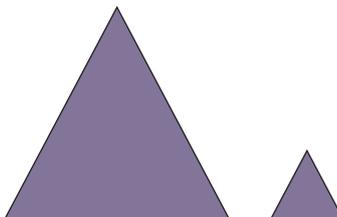
(b)

(c)

(d)

(e)

(f)

2. In each of the pairs of shapes, the shape on the right is an enlargement or reduction of the shape on the left. By measuring one corresponding side of the following pairs of shapes (to the nearest 1 mm), calculate the scale factor:
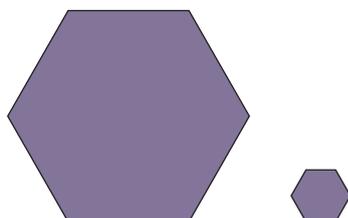
(a)

(b)

(c)

(d)