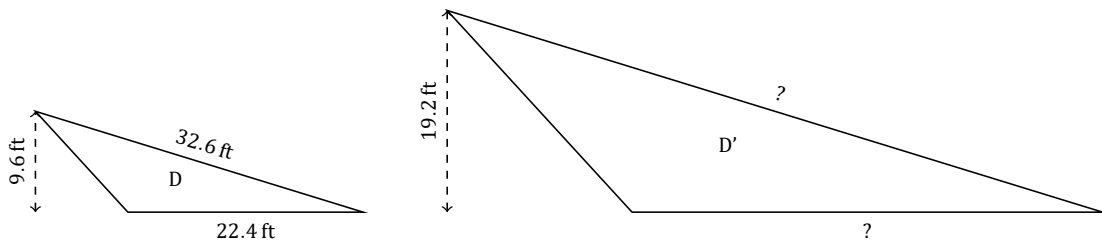
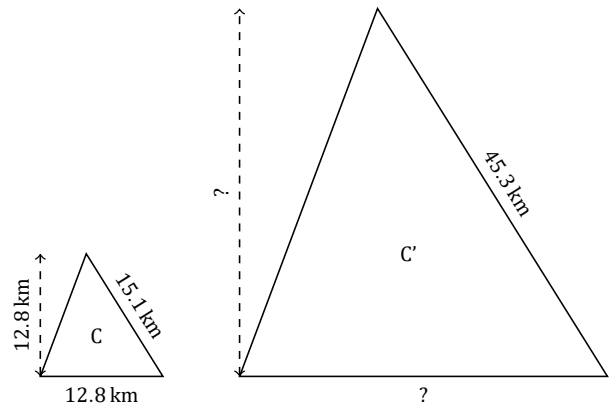
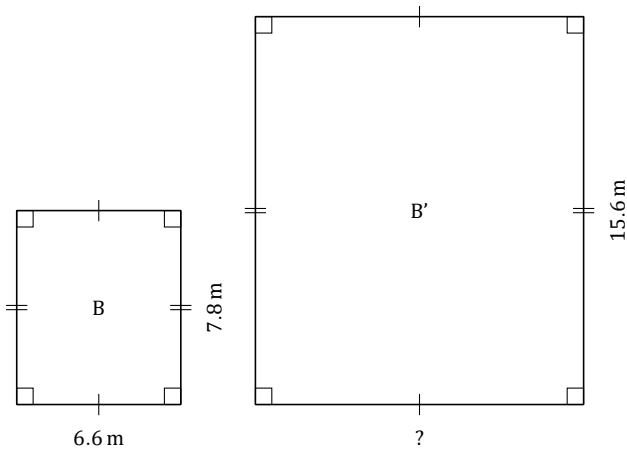
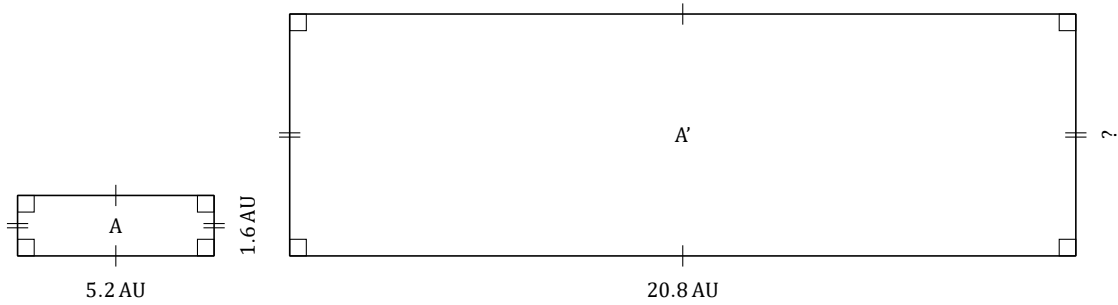


Scale Factor (A)

Name: _____

Date: _____

Determine the scale factor for each pair of shapes and label the missing lengths.

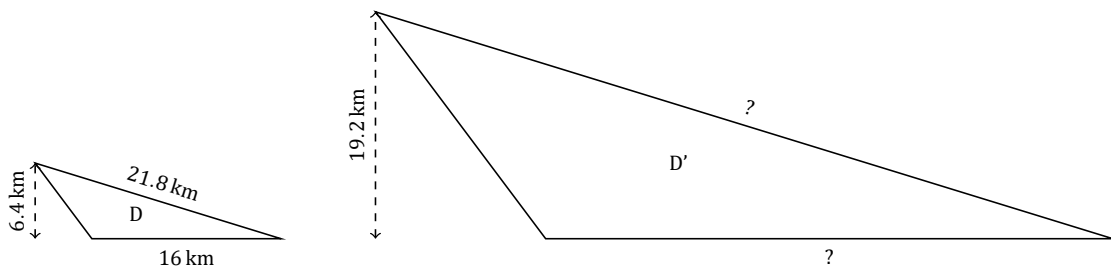
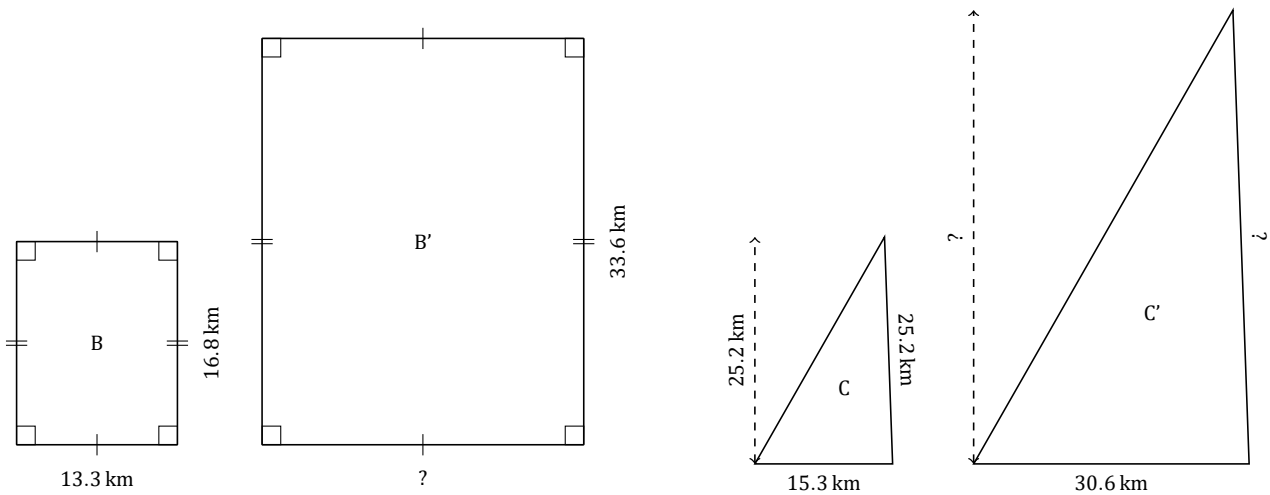
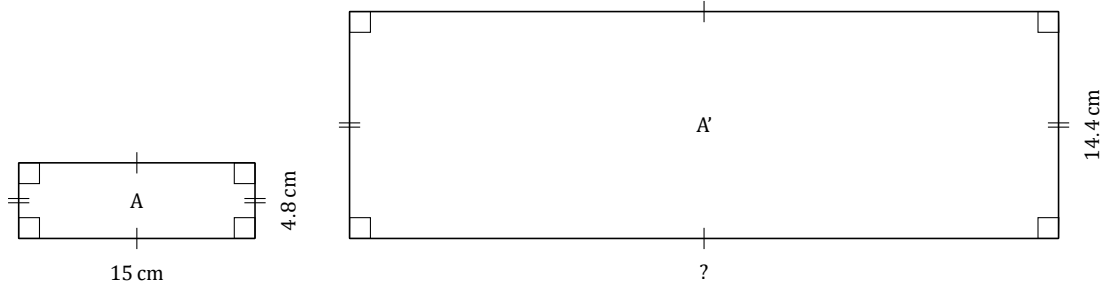


Scale Factor (B)

Name: _____

Date: _____

Determine the scale factor for each pair of shapes and label the missing lengths.

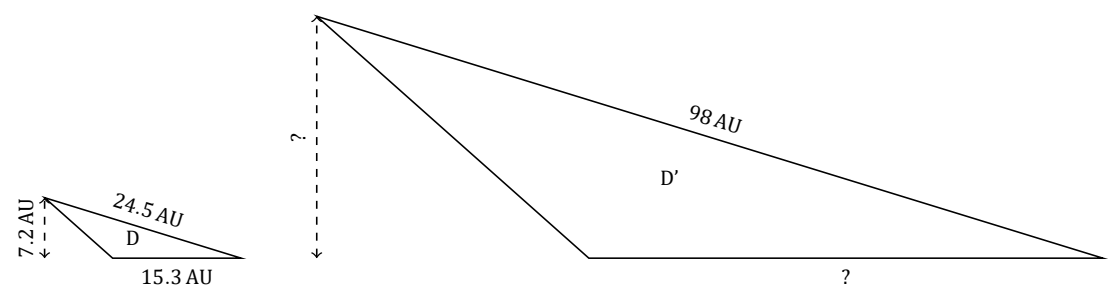
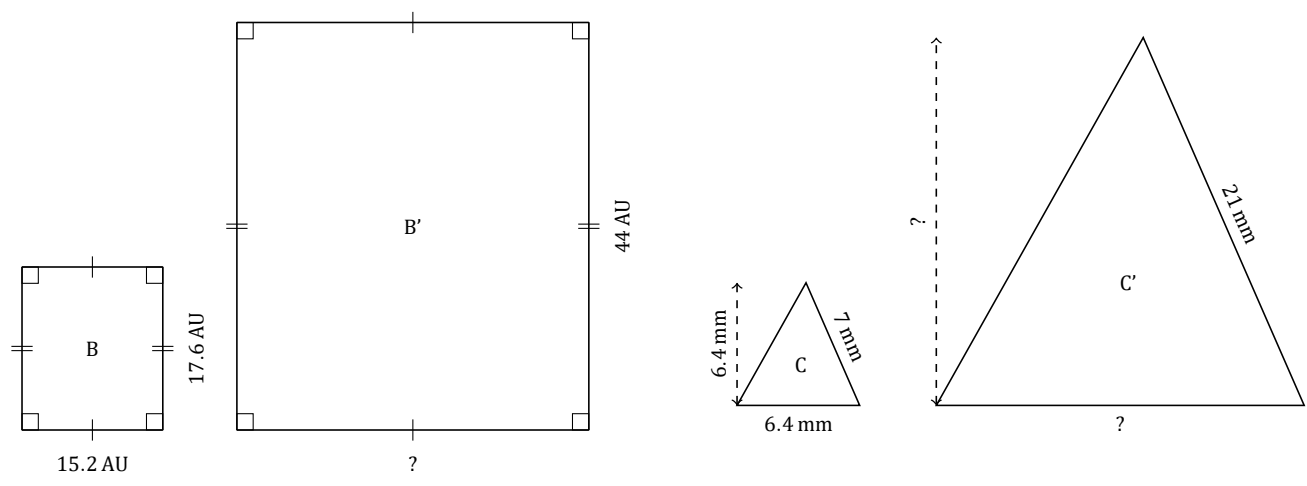
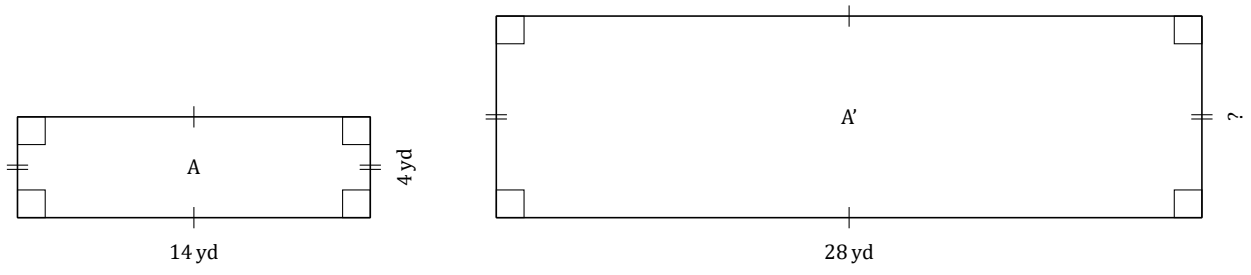


Scale Factor (C)

Name: _____

Date: _____

Determine the scale factor for each pair of shapes and label the missing lengths.

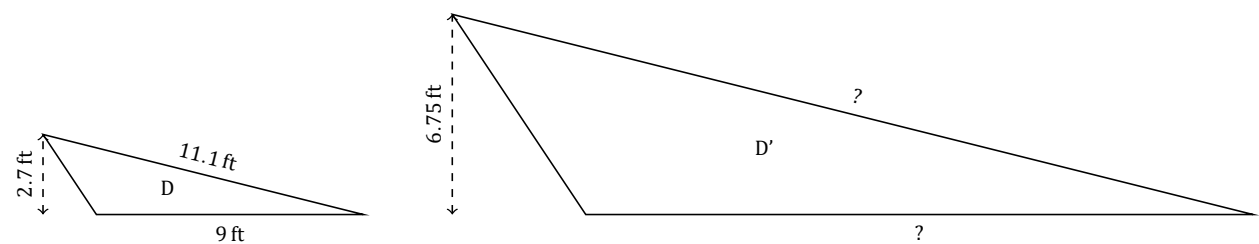
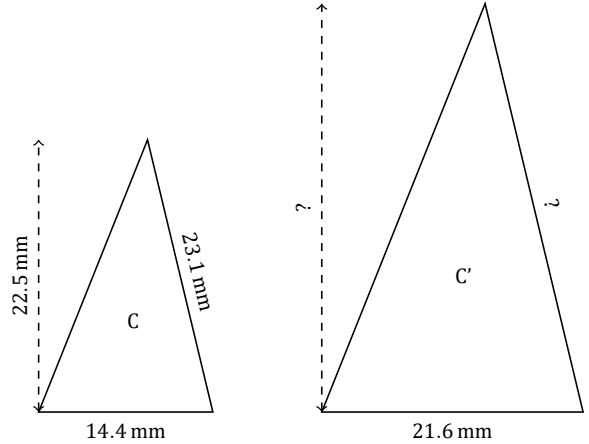
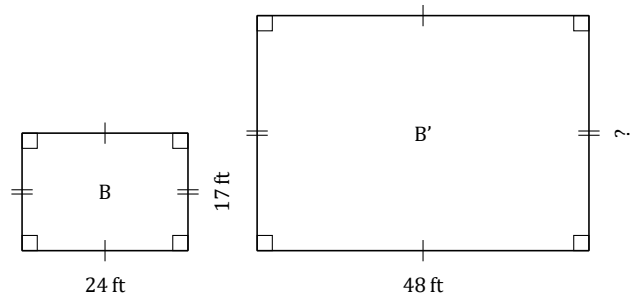
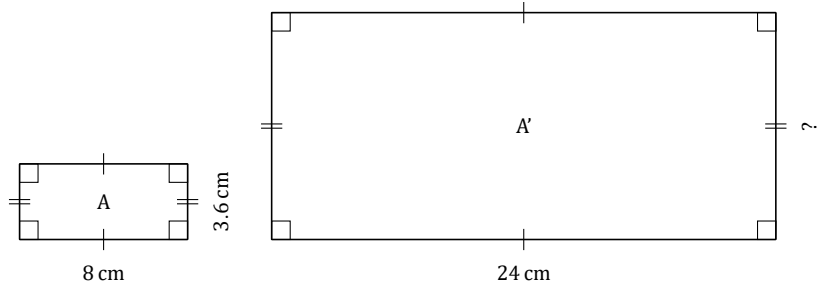


Scale Factor (D)

Name: _____

Date: _____

Determine the scale factor for each pair of shapes and label the missing lengths.

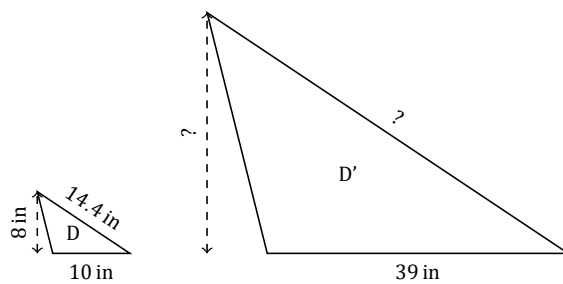
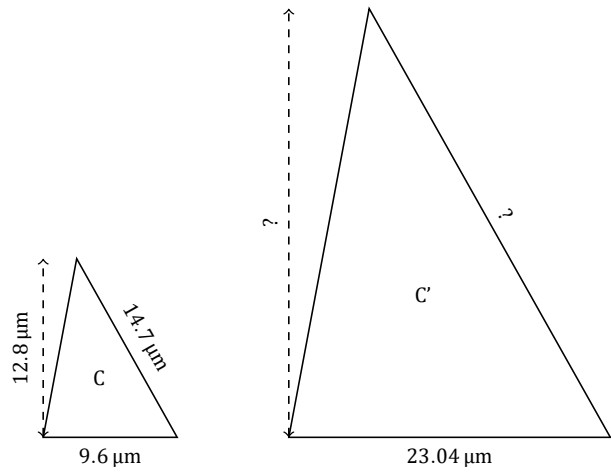
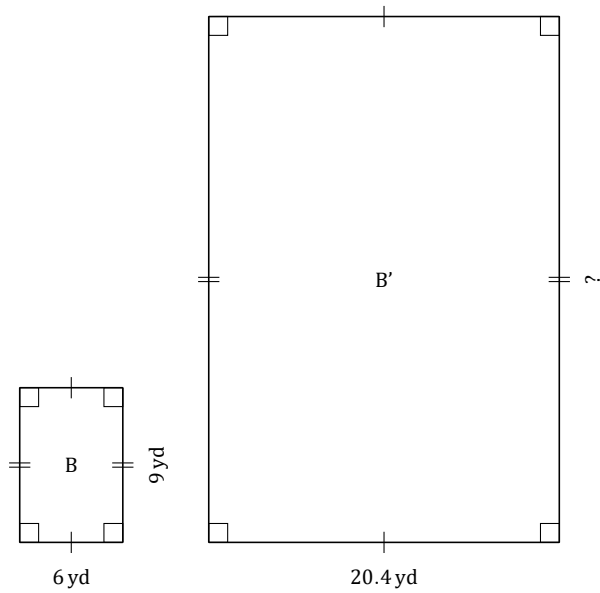
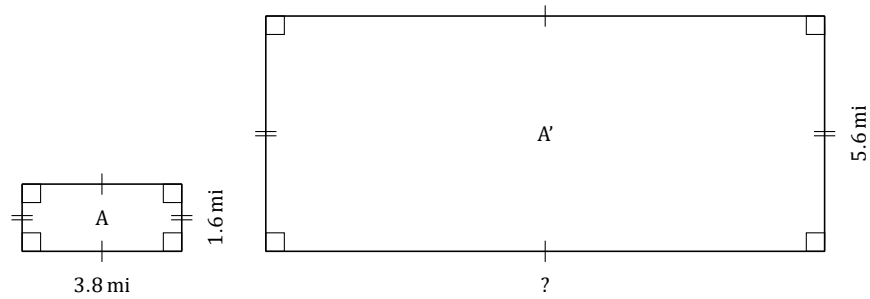


Scale Factor (E)

Name: _____

Date: _____

Determine the scale factor for each pair of shapes and label the missing lengths.

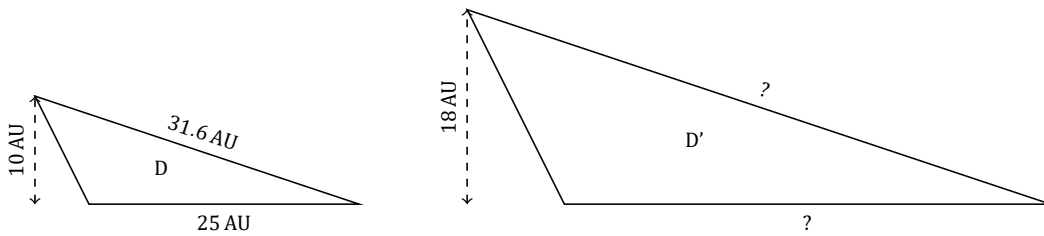
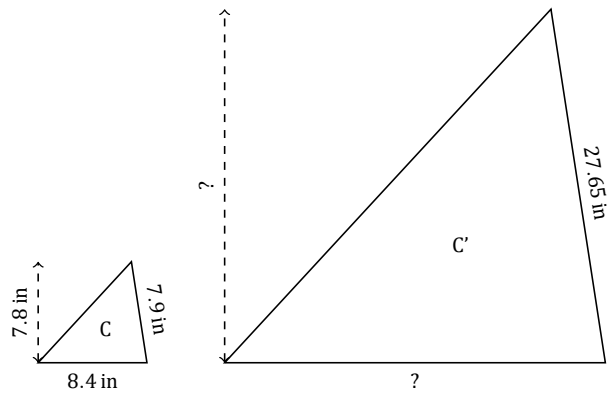
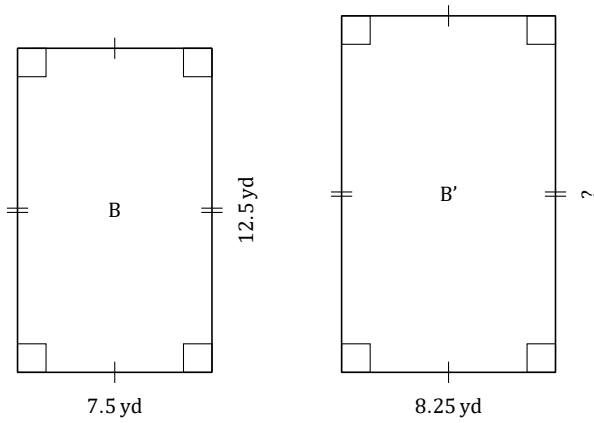
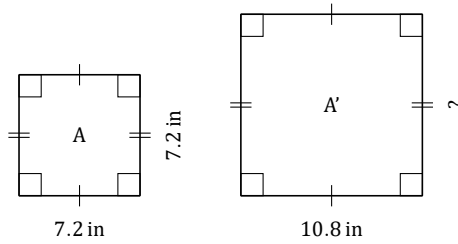


Scale Factor (F)

Name: _____

Date: _____

Determine the scale factor for each pair of shapes and label the missing lengths.

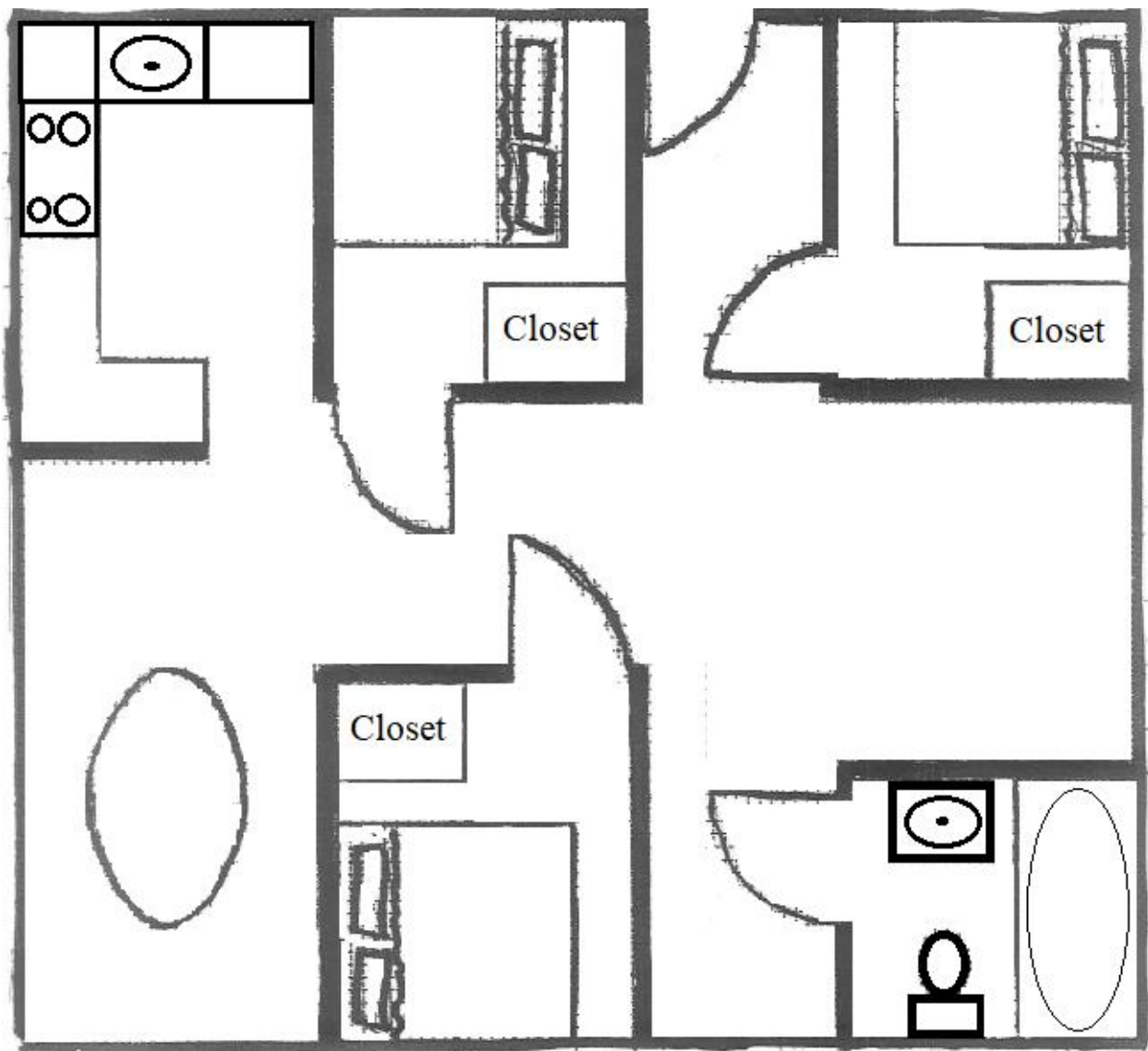


Name:

Spatial Reasoning II: Floor Plan

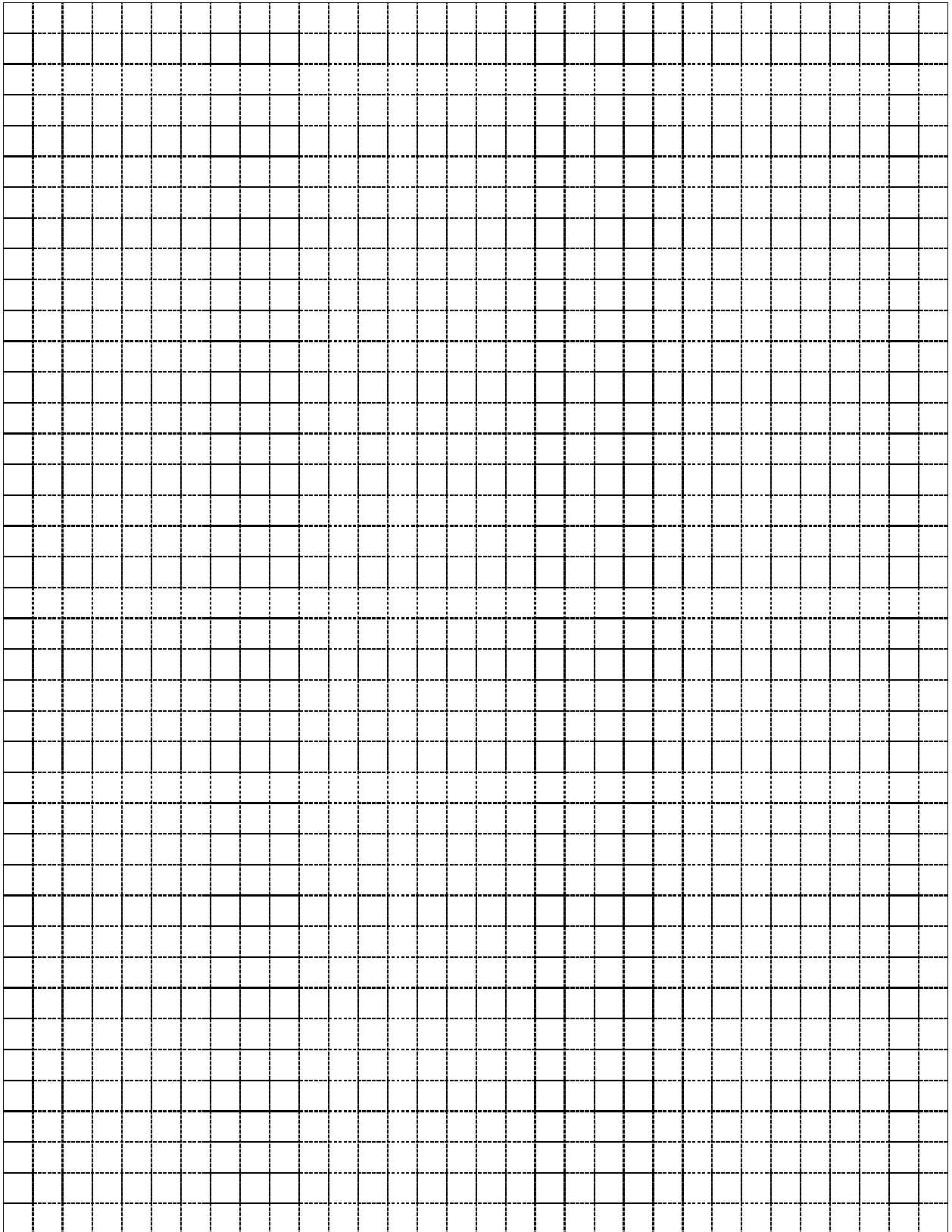
The O'Briens just bought a 3 Bedroom/1 Bathroom Condo with a 1970s design. Hoping to see a good return on their investment, Mr. and Mrs. O'Brien will be doing renovations to create a more modern 2 Bedroom condo to sell. Use the provided existing floor plan and the specifications below to design the new condo.

- 1) Interior walls (between rooms but not counting the outside or closet walls) will still be 15cm thick
- 2) Plumbing and major electrical units need to stay put
- 3) Furniture and built-in appliances are already to modern sizing
- 4) The Condo cannot exceed its 9.45m x 7.80m size
- 5) The aim is for 3.3m x 3.7m bedrooms, expand the kitchen by 1.86 its current size, and to expand the bathroom by 0.4m in both directions



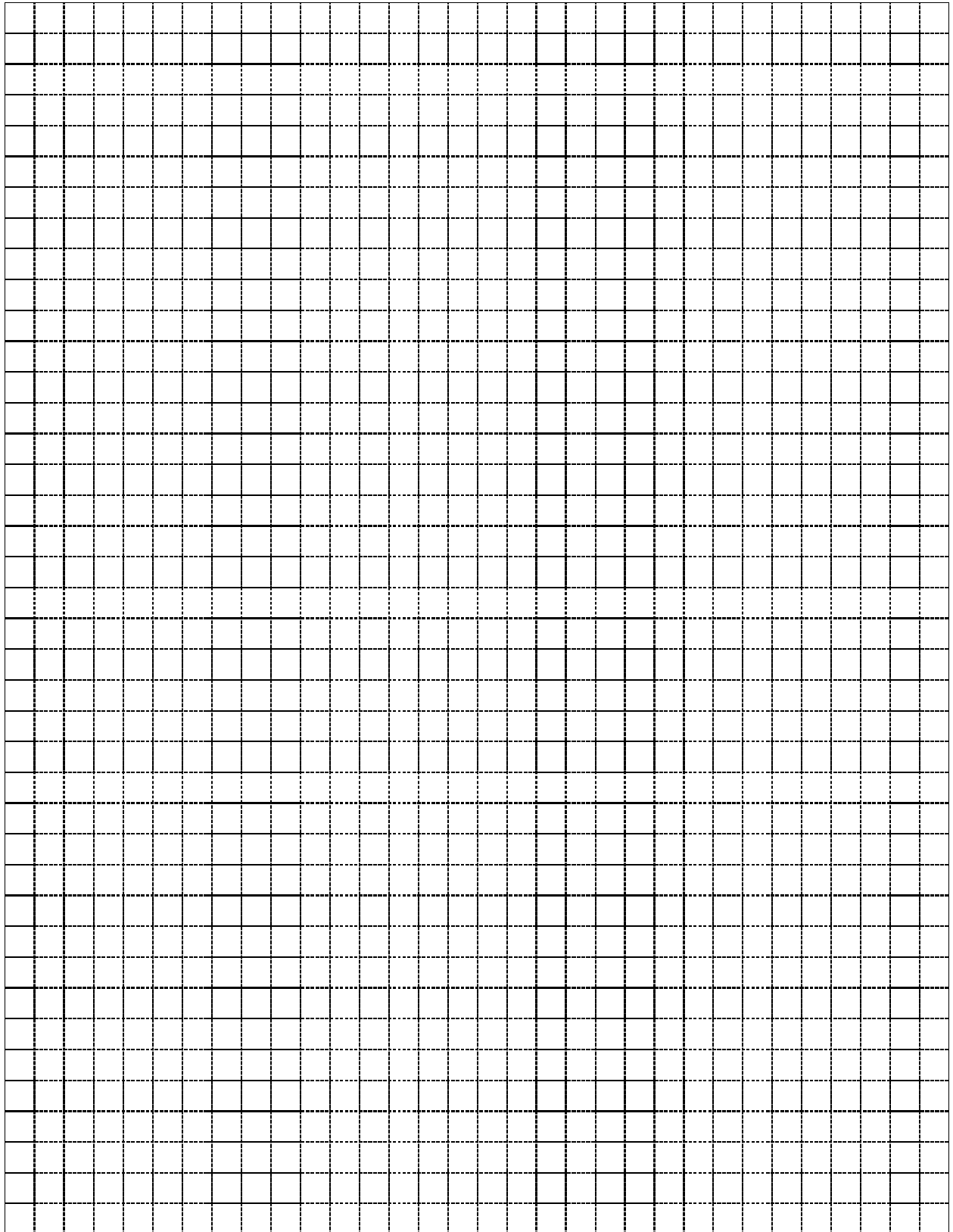
Spatial Reasoning II: Floor Plan

DRAFT SPACE:



Spatial Reasoning II: Floor Plan

FINAL COPY:



Spatial Reasoning Assessment

Both sections *must* be completed in its entirety to receive a mark. Marking scheme (to be handed in with the package) is as follows.

<i>Minimal</i>	<ul style="list-style-type: none">• Some common/repeated errors in scale factor and missing sides• Floor plan has some of the listed improvements• Floor plan has not improved practicality in layout
<i>Satisfactory</i>	<ul style="list-style-type: none">• A few common/repeated errors in scale factor and missing sides• Floor plan has most of the listed improvements• Floor plan has somewhat improved practicality in layout
<i>Good</i>	<ul style="list-style-type: none">• Infrequent/non-repeated errors in scale factor and missing sides• Floor plan has all the listed improvements• Floor plan has largely improved practicality in layout
<i>Excellent</i>	<ul style="list-style-type: none">• No errors present in scale factor and missing sides• Floor plan has all list improvements with added enhancements• Floor plan has greatly improved practicality in layout

DUE DATE: Monday June 3, 2019 end of day