1) Multiply the following numbers using an area model. Check your answer with a calculator. These will help you multiply binomials easier. Eventually you won’t even need an area model!

a) b)



c) d)



2) Multiply the following binomials using the area model. Could you get to the point where you don’t need the area model???

a) b)



c) d)



e) f)



g) h)



3) Expand the following quadratic relations to convert them into standard form. A graph has been provided so that you can check your answer (the y-intercept should match). Draw an area model if you need it.

a) Factored Form: Sketch:

b) Factored Form: Sketch:

c) Factored Form: Sketch:

d) Factored Form: Sketch:

Answers:

2) a) b) c) d)

 e) f) g) h)

3) a) b)

 c) d)