MA241
Homework #3

1. Due Wednesday, September 25

(a) Teacher’s Guides for Investigations 1 of Covering and Surrounding. Answer only the following: Problem 1.3 Follow-Up, Problem 1.4, Problem 1.4 Follow-Up, Mathematical Reflections 1–3.

(b) Teacher’s Guides for Investigations 2 of Covering and Surrounding. Answer only the following: Mathematical Reflections 1–3.

(c) Teacher’s Guides for Investigations 3 of Covering and Surrounding. Answer only the following: Problem 3.2, Mathematical Reflections 1–3. In particular, give a complete explanation for your answers to the Mathematical Reflections.

(d) Teacher’s Guides for Investigations 4 of Covering and Surrounding. Answer only the following: Connections Problem 9, Mathematical Reflections 1–3. In particular, give a complete explanation for your answers to the Mathematical Reflections.

(e) My Covering and Surrounding Extensions 1, Problem 1. Justify your answers.


(h) My Covering and Surrounding Extensions 4, Problems 1, 3–4, 8. Justify your answers.

2. Due Wednesday, October 2

(a) Teacher’s Guides for Investigations 5 of Covering and Surrounding. Answer only the following: Problem 5.1, Problem 5.2.

(b) Teacher’s Guides for Investigations 6 of Covering and Surrounding. Answer only the following: Problem 6.2, Extensions Problem 23.

(c) Teacher’s Guides for Investigations 7 of Covering and Surrounding. Answer only the following: Problem 7.3 Follow-Up, Problem 7.4, Problem 7.5, Extensions Problem 17.

(d) My Covering and Surrounding Extensions 5, Problems 1–2.

(e) My Covering and Surrounding Extensions 6, Problems 1–5.

(f) My Covering and Surrounding Extensions 7, Problem 2.