

Name: _____ Due Date: _____ Your Points: _____/135
Assignments marked with ** are required.

Day 1: General Angle Review (15 points)

- _____ 1. **Notes over the lesson (5 points)
- _____ 2. Verbal Quiz over measuring and classifying angles(5 points)
- _____ 3. Write a good paragraph explaining how to draw an angle given a specific angle measure. (5 points)
- _____ 4. Complete "Angle Review" worksheet (5 points)
- _____ 5. Complete problem set: Page 29 #15-20 & Page 38-39 #6-11 (10 points)

Day 2: Vertical and Linear Angles (15 points)

- _____ 1. **Notes over the lesson (5 points)
- _____ 2. Verbal Quiz over vertical and linear angles(5 points)
- _____ 3. Write a paragraph explaining where/how vertical and linear angles are used in every day life. Provide at least 3 examples of each type. (5 points)
- _____ 4. Make a poster with 2 examples of vertical angle and 2 examples of linear angles with correct angle measurements for each example. (5 points)
- _____ 5. Complete problem set: Page 39 #20-25 & Page 128 # 8-12 (10 points)

Day 3: Parallel Lines and Transversals (15 points)

- _____ 1. **Notes over the lesson (5 points)
- _____ 2. Verbal Quiz over parallel lines and transversals (5 points)
- _____ 3. Complete Investigation "Which angles are congruent?" (5 points)
- _____ 4. Make a poster of parallel lines with a transversal and clearly label which angles are congruent. (5 points)
- _____ 5. Complete problem set: Pages 157-158 # 10-16 even, 17-19, 22-24. (10 points)

Day 4: Converse of Parallel Lines and Transversals (15 points)

- _____ 1. **Notes over the lesson (5 points)
- _____ 2. Verbal Quiz (5 points)
- _____ 3. Write a good paragraph explaining how two lines can be proven to be parallel lines if there is some line intersecting both of them. (5 points)
- _____ 4. Complete the investigation "Is the Converse true?" and write a 6-8 sentence summary of your findings. (5 points)
- _____ 5. Complete problem set: Pages 165 #4-7, 10-15 (10 points)

_____ **SUBTOTAL of points from Days 1 – 4**

Day 5: Angle Addition Postulate (15 points)

- _____ 1. **Notes over the lesson (5 points)
- _____ 2. Verbal Quiz over the Angle Addition Postulate(5 points)
- _____ 3. Write a paragraph explaining how problem #26 on page 29 is solved. Be sure to explain each step **in words**. (5 points)
- _____ 4. Complete "Angle Addition" Worksheet (10 points)
- _____ 5. Complete problem set: Pages 29-30 #25-27, 33-38, 40-42 (10 points)

Day 6: Computer / Review Day (20 points)

- _____ 1. Use Geometer's Sketch Pad to draw two parallel lines and a transversal. Measure each angle and label all congruent angles. (10 points)
- _____ 2. Use Geometer's Sketch Pad to 2 pairs of supplementary angles and 2 pairs of complimentary angles. Measure each of your angles and display their measurements along side the angles. (5 points)
- _____ 3. At www.classzone.com complete 3.2 "Use Parallel Lines and Transversals". Type a 4-6 sentence paragraph what you did **AND** the geometric concepts used. (5 points)
- _____ 4. Write a paragraph (at least 10 sentences) explaining 5 examples of parallel lines cut by transversals that are found in everyday life. (10 points)
- _____ 5. Write a paragraph on how the measure an angle with a protractor and how to draw an angle when given a specific angle measure. Also, write a few sentences about common errors student may make while finding a measure or drawing an angle. (5 points)
- _____ 6. Use Geometer's Sketch Pad to draw two angles with a common vertex. Measure the two small angles and then the larger angle that is formed by the two smaller angles. What postulate is this showing? (5 points)

Day 7: Test Day (40 points)

- _____ 1. **Take Test over Unit 3. (30 points)
- _____ 2. Turn in binder with all notes and assignment records (10 points)
- _____ 3. Turn in vocabulary list with complete definitions (10 points)
- _____ 4. Write two good paragraphs. The first one should give a summary of what you learned this unit. The second should be a reflection on what you think of Informal Geometry so far. Include what you like/dislike about the class and if there are any specific things I could do to help you understand things better. (10 points)

Grading Scale:

A:135-124

B: 123-113

C:112-101

D:100-90

F:89-0