Congruence Worksheet 2

- 1. Given a line segment \overline{AB} , what is the first step in constructing an equilateral triangle $\triangle ABC$?
- 6. Given only a line segment, how would you construct a square?
- 2. What would be the next step in constructing the equilateral triangle $\triangle ABC$?
- 7. How would you construct a square inscribed in a circle?
- 3. What is the final step of constructing the equilateral triangle $\triangle ABC$?
- 8. How would you construct a square given a line segment that must be the diagonal of the square?
- 4. How would you construct an equilateral triangle inscribed in a circle?
- 9. How would you construct a regular hexagon inscribed within a circle?
- 5. Given two perpendicular and congruent sides, how would you construct a square?
- 10. How would you construct a regular hexagon given one of the side lengths?

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