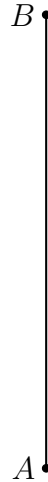


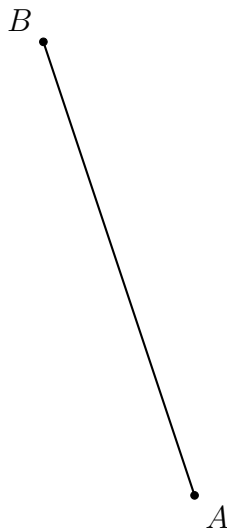
2.8 Do Now: Constructions

1. Complete the construction of an equilateral triangle with one side as \overline{AB} .



- (a) Identify two circles in the construction. For each, name the center of the circle and the radius.
- (b) Assuming that the third vertex of the triangle is point C , explain why the distance from A to C is the same as the distance from A to B .

2. Complete the construction of a perpendicular bisector of \overline{AB} . Label the midpoint M .



Early finishers: Solve for x by factoring

3. $x^2 + 6x + 5 = 0$

4. $x^2 + 5x = 14$