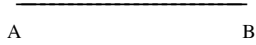


Construction: Triangles

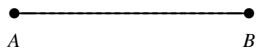
Name: _____

Date: _____

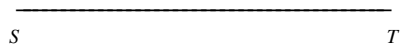
1. Construct equilateral triangle ABC using line segment \overline{AB} as one side.



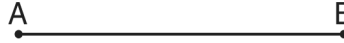
2. Construct an equilateral triangle in which \overline{AB} is one of the sides.



3. Construct an equilateral triangle using line segment \overline{ST} as one side.



4. Using a compass and straightedge, and \overline{AB} below, construct an equilateral triangle with all sides congruent to \overline{AB} . [Leave all construction marks.]



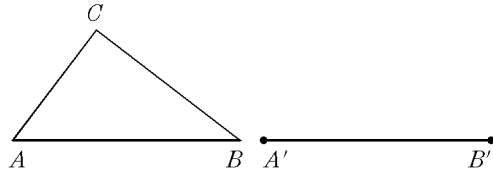
5. Using a compass and straightedge, on the diagram below of \overleftrightarrow{RS} , construct an equilateral triangle with \overline{RS} as one side. [Leave all construction marks.]



6. On the line segment below, use a compass and straightedge to construct equilateral triangle ABC . [Leave all construction marks.]



7. Using compass and straightedge, construct a triangle congruent to triangle ABC . Use $\overline{A'B'}$ as one side of the congruent triangle.



8. Construct triangle DEF similar to triangle ABC , using given line segment DE .

