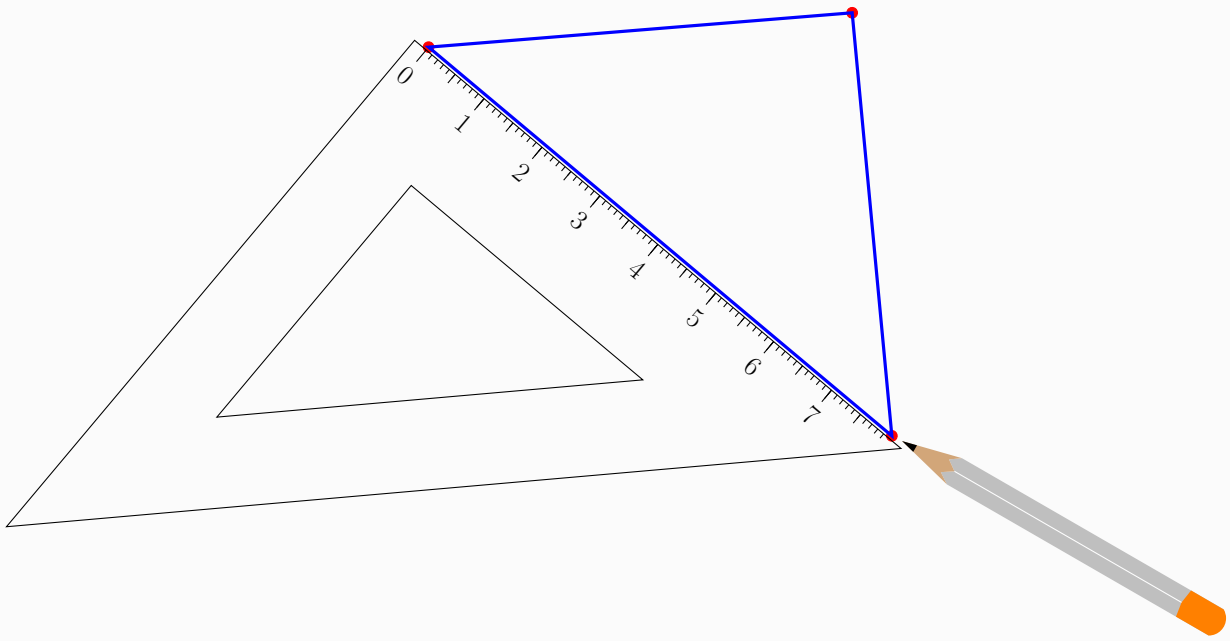
4.4. Drawing Basic 2D Shapes

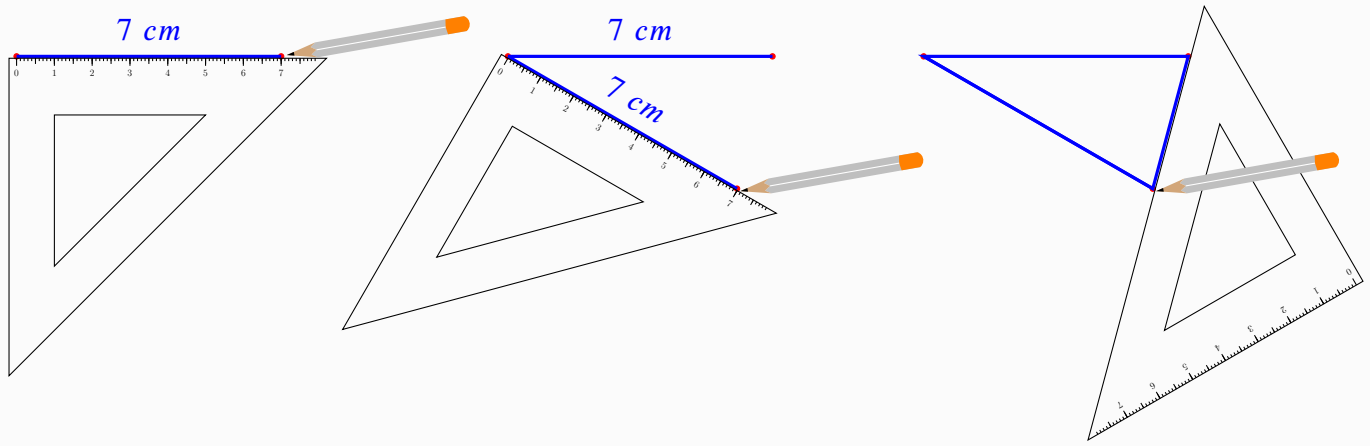
Example 1: Construct a triangle using a set square.



Practice 1: Construct a triangle by connecting the given points.

Practice 2: Construct a triangle by connecting the given points.

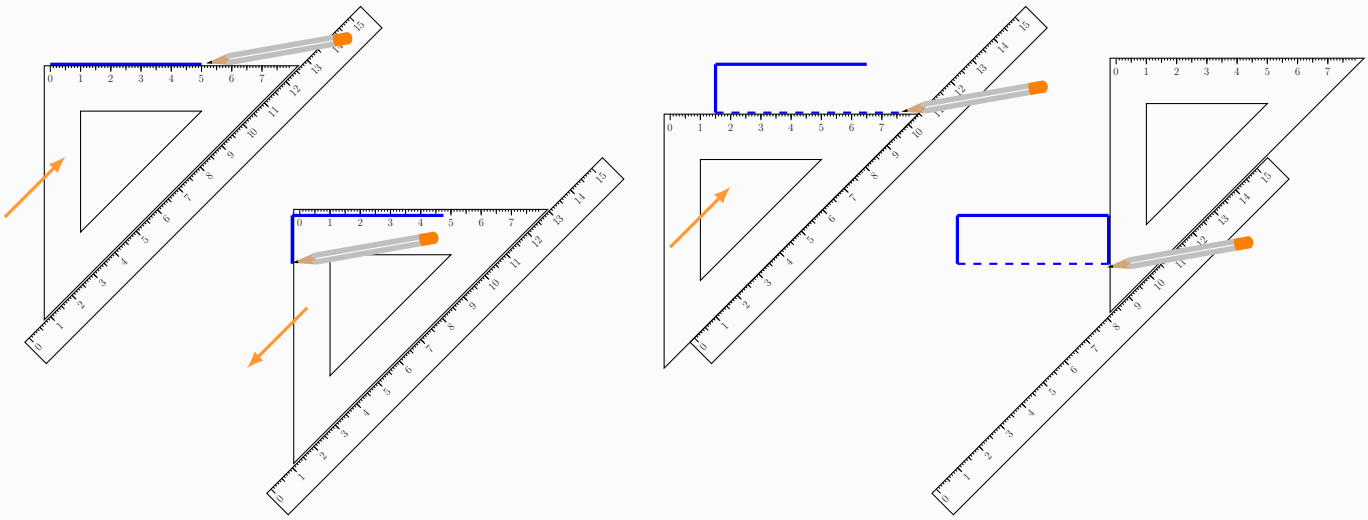
Example 2: Construct a triangle with two edges of equal length using a set square.



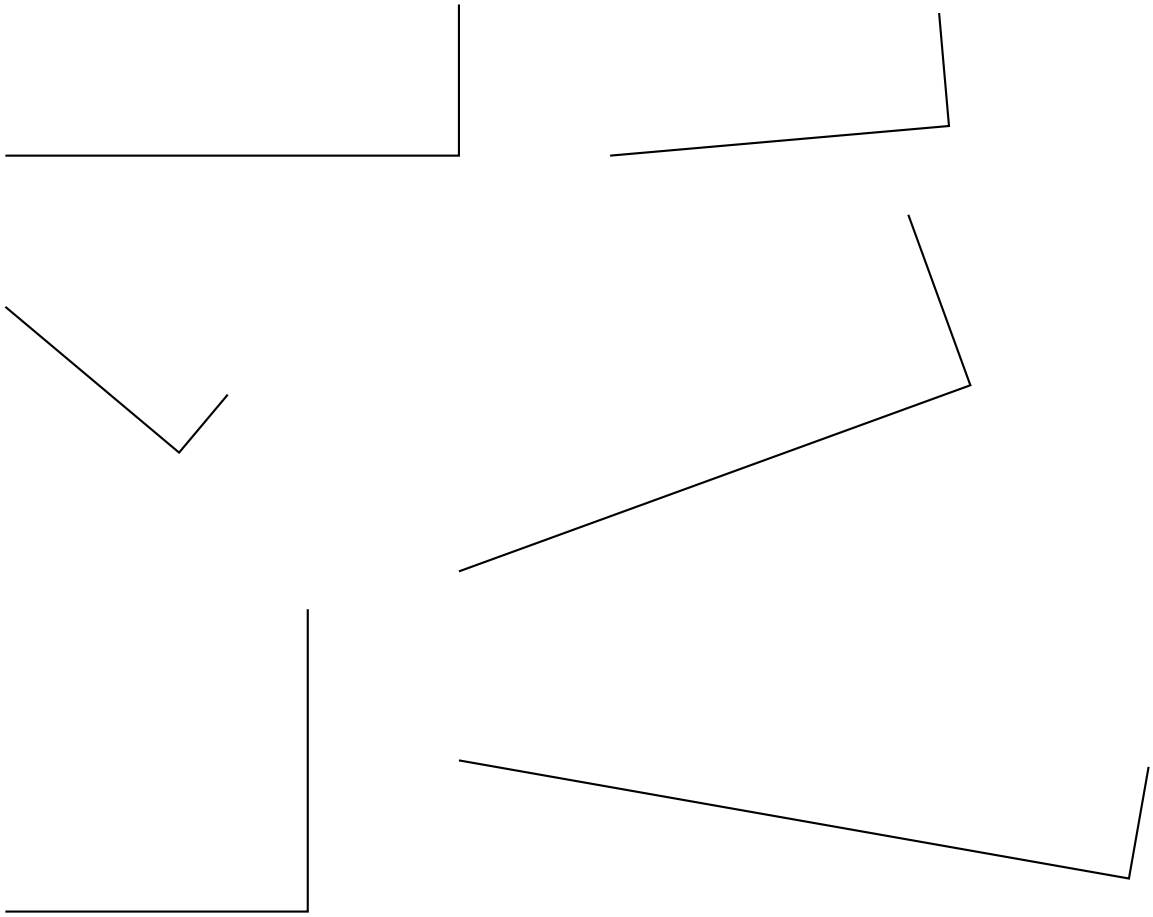
Practice 3: Construct a triangle with one edge being $7cm$ long using a set square.

Practice 4: Construct a triangle with two $5cm$ edges using a set square.

Example 3: Construct a rectangle using a ruler and a set square.



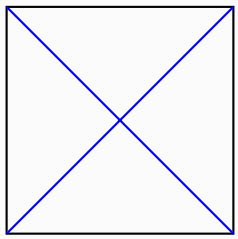
Practice 5: Complete the rectangles below using a ruler and a set square.



Diagonals

A **diagonal** is a line segment that connects opposite vertices.

Example 4: A square has two diagonals.



Practice 6: Use a ruler to construct diagonals of the squares below.

