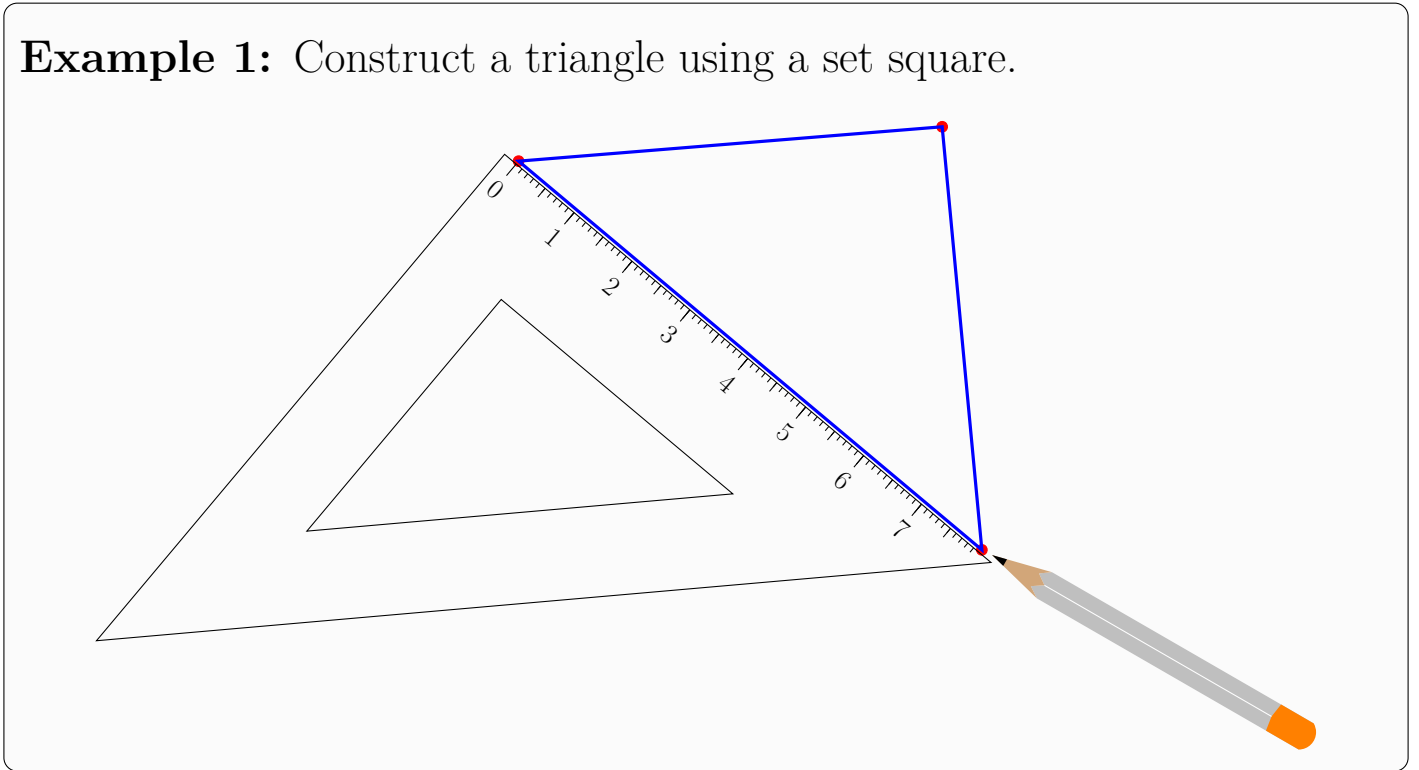
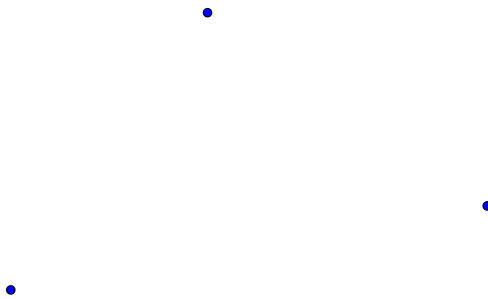


## 4.4. Drawing Basic 2D Shapes

**Example 1:** Construct a triangle using a set square.



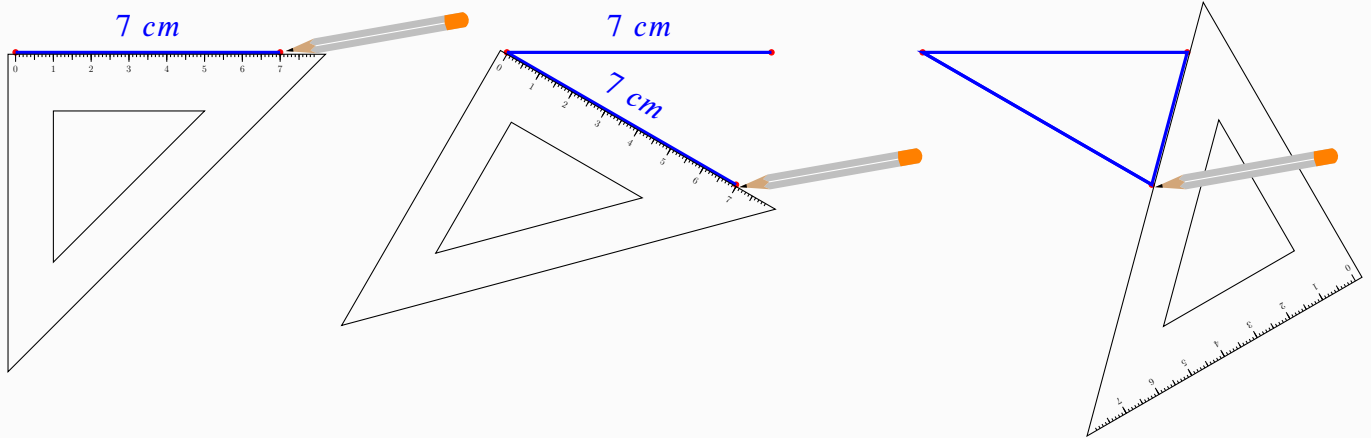
**Practice 1:** Construct a triangle by connecting the given points.



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



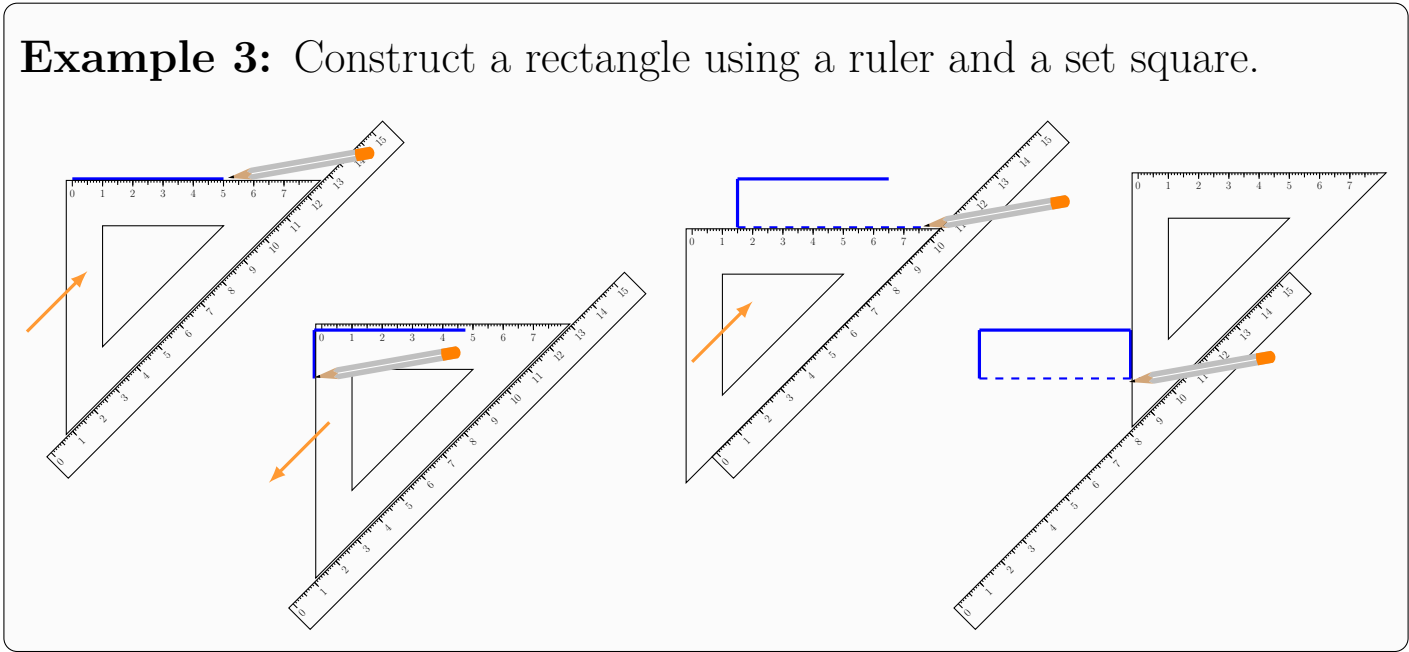
**Example 2:** Construct a triangle with two edges of equal length using a set square.



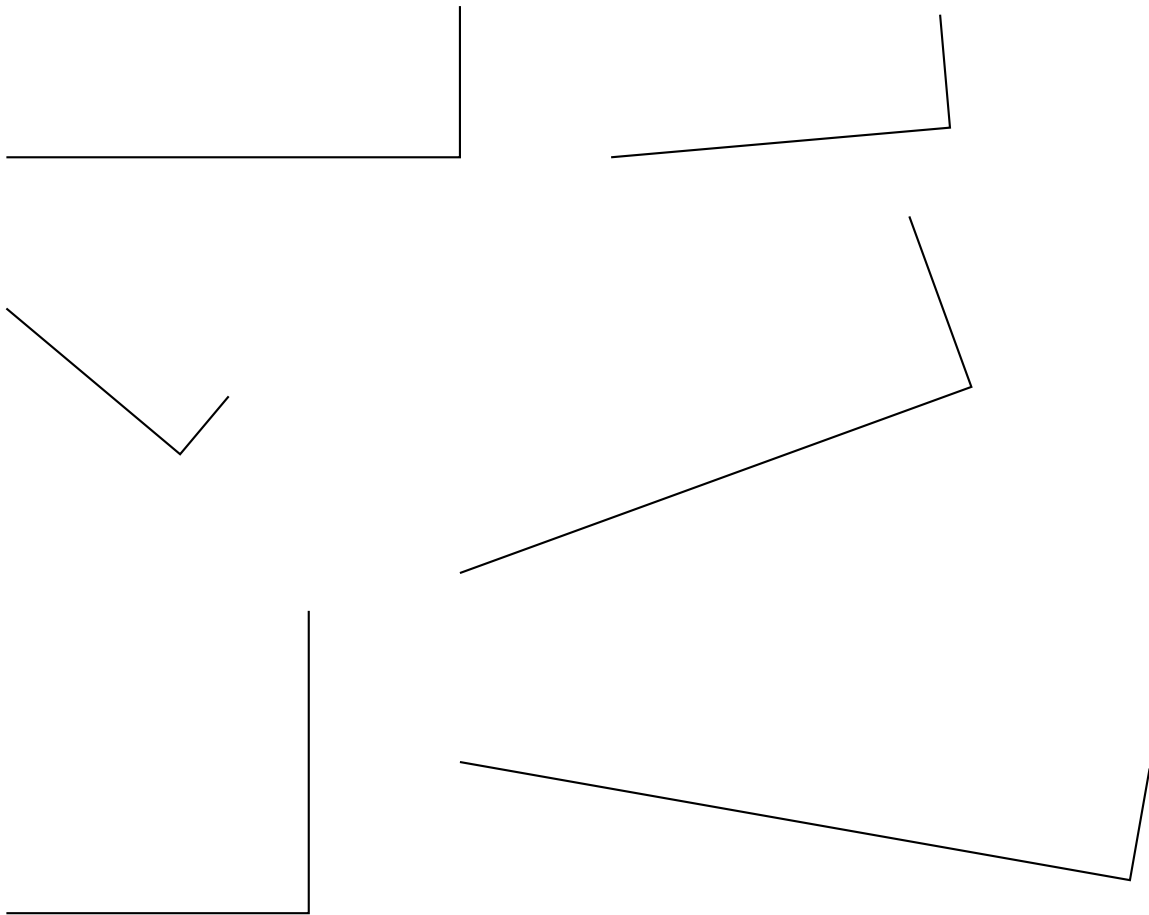
**Practice 3:** Construct a triangle with one edge being  $7\text{cm}$  long using a set square.

**Practice 4:** Construct a triangle with two  $5\text{cm}$  edges using a set square.

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



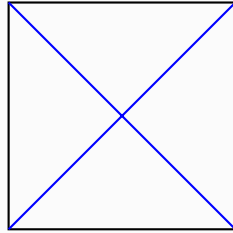
**Practice 5:** Complete the rectangles below using a ruler and a set square.



## 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.

