Solving Questions for Quadrilaterals
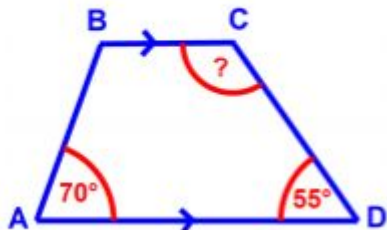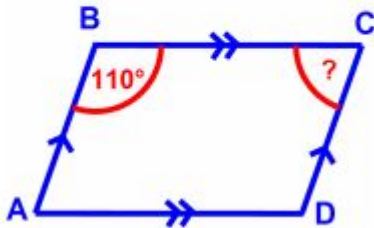
Example 1

Determine ∠BCD in the following diagram.

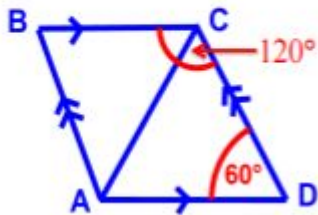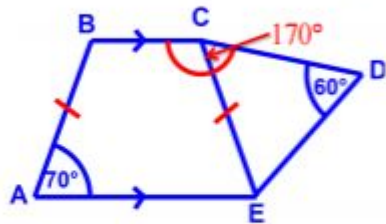# Example 2

Determine ∠BCD in the following diagram.

Example 3

Determine ∠BCD in the following diagram.

Example 4
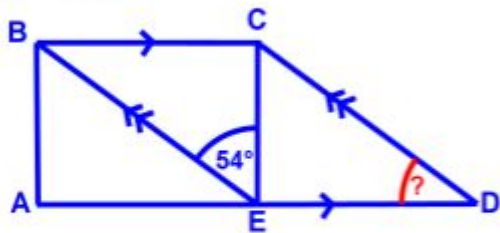
Determine $m\overline{DE}$ in the following diagram.

$\angle BCD = 170°$ $m\overline{AB} = 2.1\text{cm}$

$m\overline{AE} = 2.7\text{cm}$

Example 5

Determine ∠CDE in the following diagram.

ABCE is a rectangle.

BCDE is a parallelogram.

∠CEB = 54°