

Solutions

2.1 $180-68=112^\circ$.

2.2 $(5-2)\times 180=540^\circ$.

2.3 $360/6=60^\circ$.

3.1 False. A horizontal transversal can meet one line at 60° and a second at 70° . Corresponding angles differ; parallelism is required for the equality theorem.

Local review guidance: show the chosen method; give the checked result; explain the condition or failed shortcut. This is authored classroom guidance.