

Geometry Problem Solving — Cheat Sheet

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GEOMETRY PROBLEM SOLVING

1. List the angle facts before starting.
2. Fill in ANY findable angle; write it on the diagram.
3. Chain until x falls out.
4. Verify totals at the end ($180^\circ/360^\circ$).

Example: 130° outside $\rightarrow 50^\circ$ base $\rightarrow$ isosceles pair $\rightarrow x = 80^\circ$.