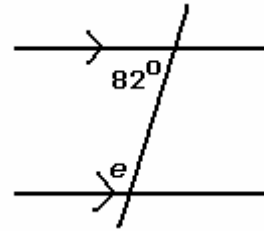


## 11.2 Key Concepts 4 Parallel Lines Co-Interior Angles (C-Pattern) Worked Example

**Example:** Find the measure of angle  $e$ .

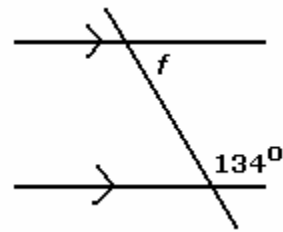
**Solution:** Angle  $e$  and the given angle form a C-pattern. They are co-interior angles. Co-interior angles add to  $180^\circ$ .

$$\begin{aligned}\angle e &= 180^\circ - 82^\circ \\ &= 98^\circ\end{aligned}$$

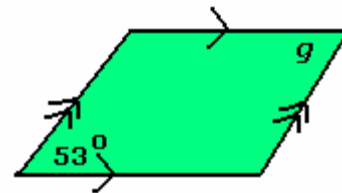


**Practice:**

1. Find the measure of angle  $f$ .



2. Find the measure of angle  $g$ .



Answers: 1.  $46^\circ$ , 2.  $53^\circ$