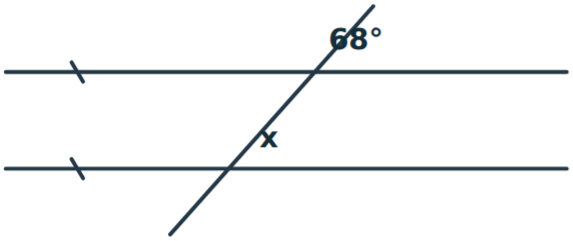
GEOMETRY · YEAR 8

Angles in Parallel Lines

Name _____ Date _____

Find x in each diagram. Show your working and name the rule you use: corresponding, alternate or co-interior. All angles are in degrees; matching tick marks show the parallel lines.

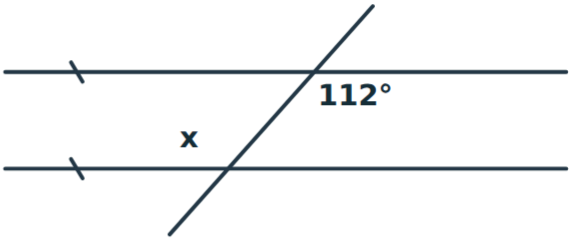
1 **Find x**



x = _____ ° Rule: _____

Working

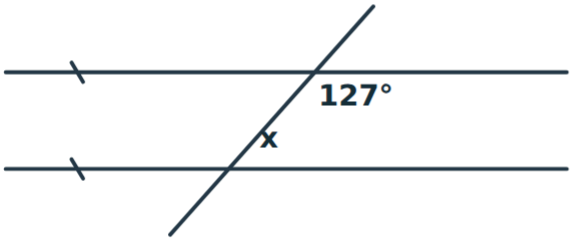
2 **Find x**



x = _____ ° Rule: _____

Working

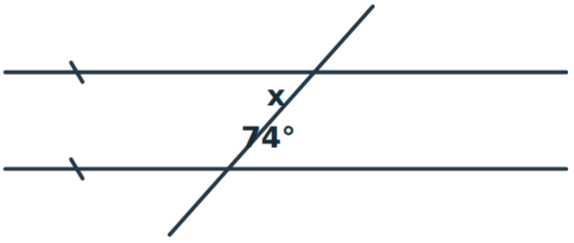
3 **Find x**



x = _____ ° Rule: _____

Working

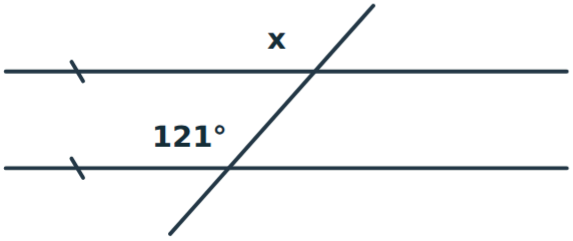
4 **Find x**



x = _____ ° Rule: _____

Working

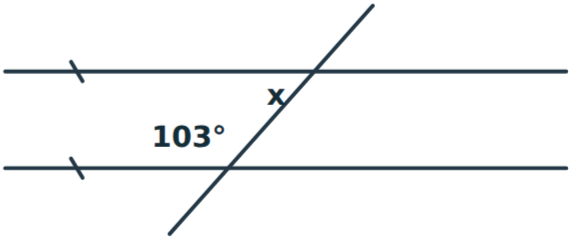
5 **Find x**



x = _____ ° Rule: _____

Working

6 **Find x**



x = _____ ° Rule: _____

Working

Check that each answer has a degree symbol and that you have named an angle rule.