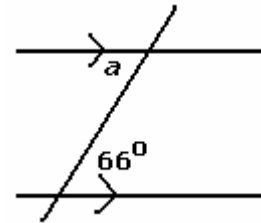


11.2 Key Concepts 2 Parallel Lines Alternate Angles (Z-Pattern) Worked Example

Example: Find the measure of angle a .

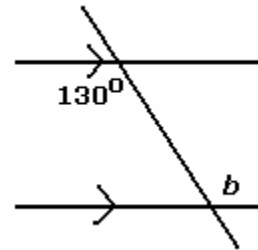
Solution: Angle a and the given angle form a Z-pattern. They are alternate angles. Alternate angles are equal.

$$\angle a = 66^\circ$$

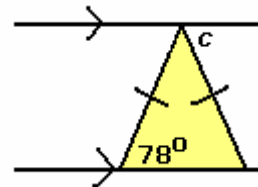


Practice:

1. Find the measure of angle b .



2. Find the measure of angle c .



Answers: 1. 130° , 2. 78°