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.
$\angle \mathrm{a}=66^{\circ}$


Practice:

1. Find the measure of angle $b$.

2. Find the measure of angle c.


Answers: 1. $130^{\circ}$, 2. $78^{\circ}$

