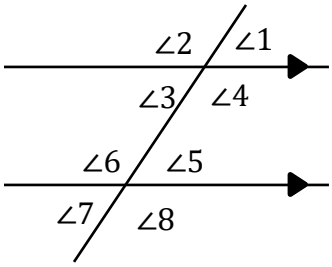
Alternate Angles

Name:_____ Date:_____

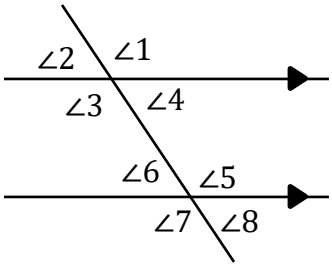
Find the missing alternate angles. (Calculate without using protractor)

1)



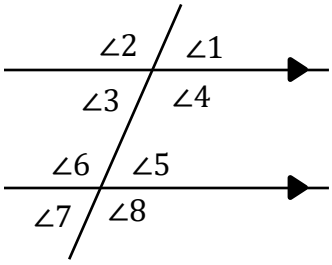
∠1 = 60°
∠2 = 120°
∠3 = 60°
∠4 = 120°
∠5 = 60°
∠6 = 120°
∠7 = 60°
∠8 = 120°

2)



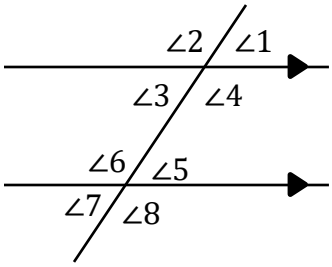
∠1 = _____
∠2 = _____
∠3 = _____
∠4 = _____
∠5 = _____
∠6 = _____
∠7 = _____
∠8 = _____

3)



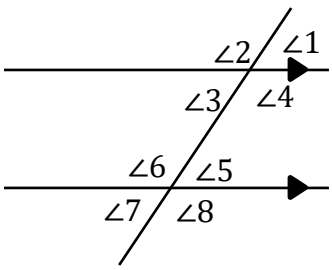
∠1 = _____
∠2 = _____
∠3 = _____
∠4 = _____
∠5 = _____
∠6 = _____
∠7 = _____
∠8 = _____

4)



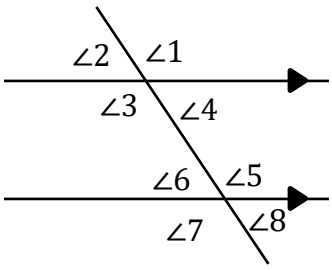
∠1 = _____
∠2 = _____
∠3 = _____
∠4 = _____
∠5 = _____
∠6 = _____
∠7 = _____
∠8 = _____

5)



∠1 = _____
∠2 = _____
∠3 = _____
∠4 = _____
∠5 = _____
∠6 = _____
∠7 = _____
∠8 = _____

6)



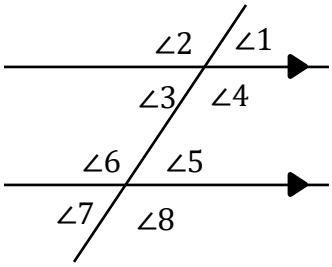
∠1 = _____
∠2 = _____
∠3 = _____
∠4 = _____
∠5 = _____
∠6 = _____
∠7 = _____
∠8 = _____

Alternate Angles

Name:_____ Date:_____

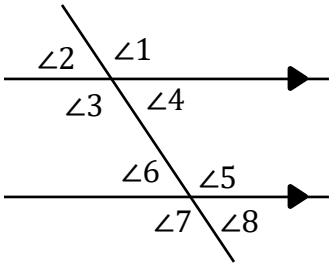
Find the missing alternate angles. (Calculate without using protractor)

1)



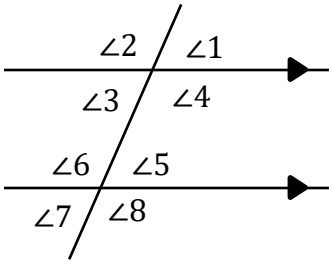
∠1 = 60°
∠2 = 120°
∠3 = 60°
∠4 = 120°
∠5 = 60°
∠6 = 120°
∠7 = 60°
∠8 = 120°

2)



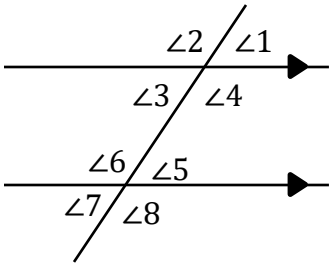
∠1 = 144°
∠2 = 36°
∠3 = 144°
∠4 = 36°
∠5 = 144°
∠6 = 36°
∠7 = 144°
∠8 = 36°

3)



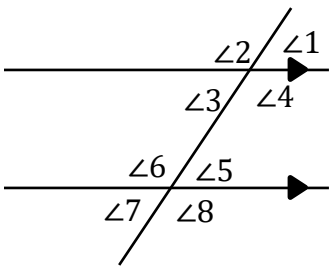
∠1 = 125°
∠2 = 55°
∠3 = 125°
∠4 = 55°
∠5 = 125°
∠6 = 55°
∠7 = 125°
∠8 = 55°

4)



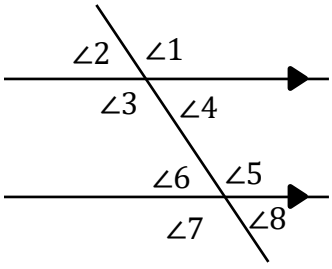
∠1 = 48°
∠2 = 132°
∠3 = 48°
∠4 = 132°
∠5 = 48°
∠6 = 132°
∠7 = 48°
∠8 = 132°

5)



∠1 = 45°
∠2 = 135°
∠3 = 45°
∠4 = 135°
∠5 = 45°
∠6 = 135°
∠7 = 45°
∠8 = 135°

6)



∠1 = 104°
∠2 = 76°
∠3 = 104°
∠4 = 76°
∠5 = 104°
∠6 = 76°
∠7 = 104°
∠8 = 76°