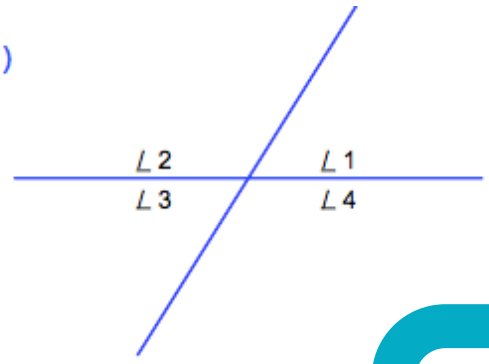
Name: Date:

Vertically Opposite Angles

Use the information provided to find the missing vertical angles.

1)



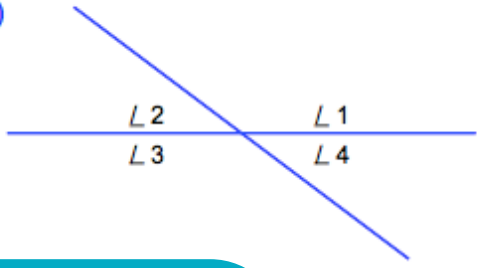
∠1 = _____

∠2 = 122°

∠3 = 58°

∠4 = _____

2)



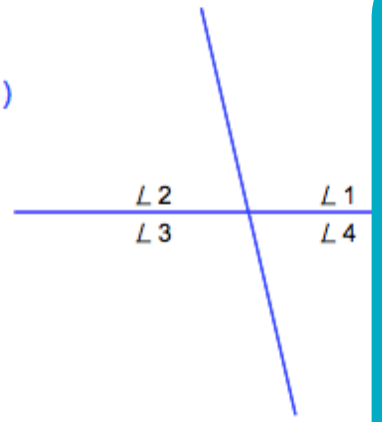
∠1 = _____

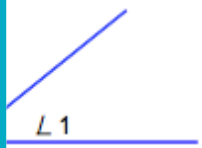
∠2 = 37°

∠3 = 143°

∠4 = _____

3)





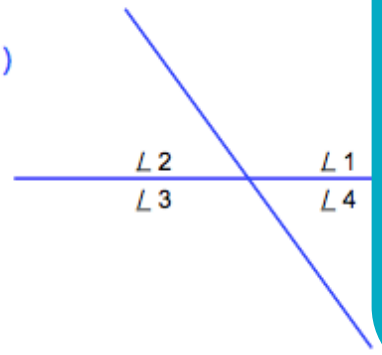
∠1 = 39°

∠2 = _____

∠3 = _____

∠4 = 141°

5)



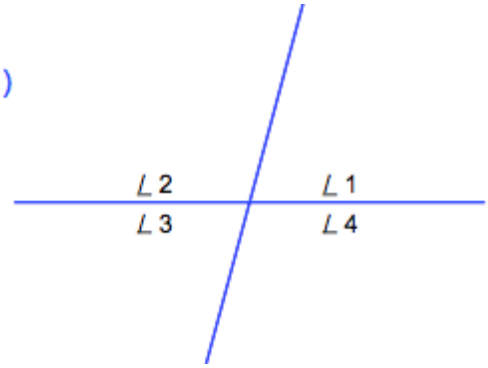
∠1 = _____

∠2 = _____

∠3 = 83°

∠4 = 97°

7)



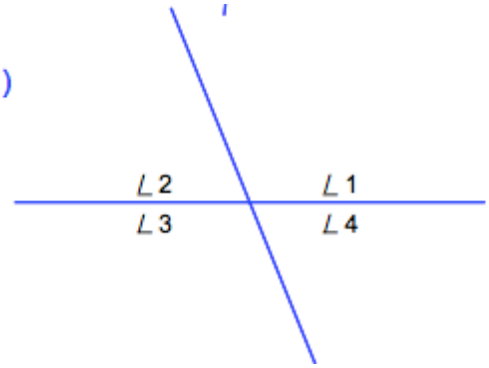
∠1 = 75°

∠2 = 105°

∠3 = _____

∠4 = _____

8)



∠1 = 112°

∠2 = _____

∠3 = _____

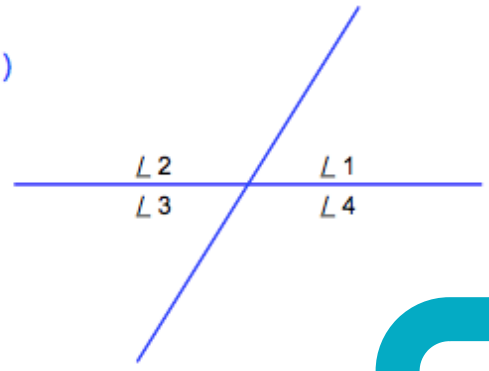
∠4 = 68°

Vertically Opposite Angles

Use the information provided to find the missing vertical angles.

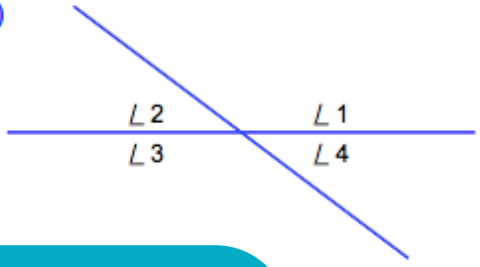
Answers

1)



∠ 1 = 58°
∠ 2 = 122°
∠ 3 = 58°
∠ 4 = 122°

2)



∠ 1 = 143°
∠ 2 = 37°
∠ 3 = 143°
∠ 4 = 37°

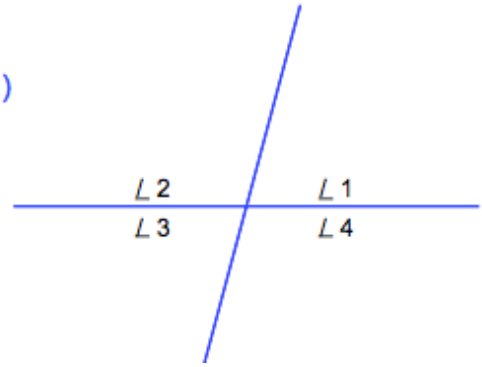
3)

∠ 1 = 39°
∠ 2 = 141°
∠ 3 = 39°
∠ 4 = 141°

5)

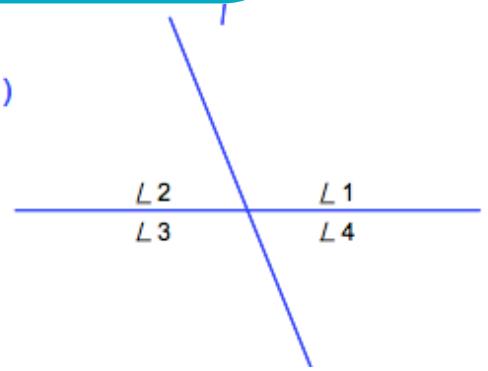
∠ 1 = 83°
∠ 2 = 97°
∠ 3 = 83°
∠ 4 = 97°

7)



∠ 1 = 75°
∠ 2 = 105°
∠ 3 = 75°
∠ 4 = 105°

8)



∠ 1 = 112°
∠ 2 = 68°
∠ 3 = 112°
∠ 4 = 68°