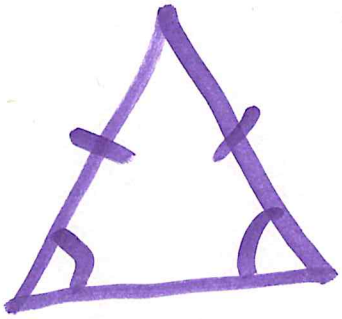
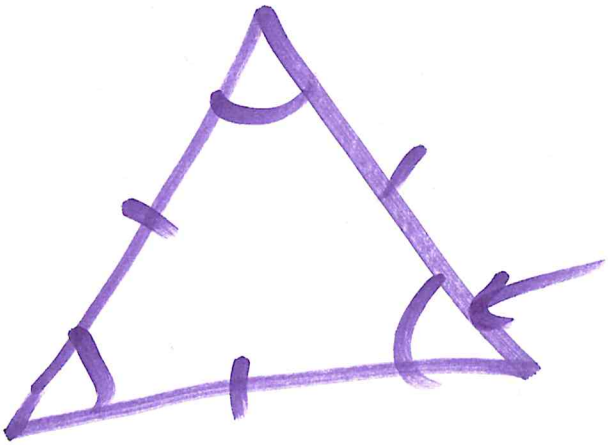
8/27 Lesson 8 (Unknown Angles)

Total degrees $\Delta = 180°$

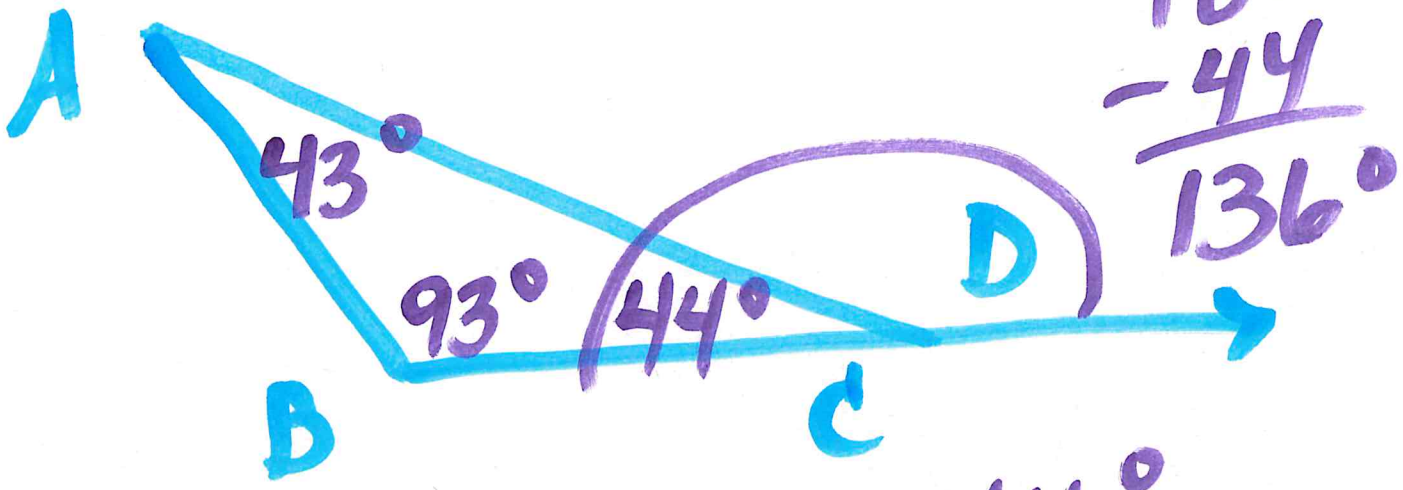
Isosceles Δ: 2 sides $\cong$
2 angles ($\cong$)



Equilateral Δ: 3 sides ($\cong$)
3 angles ($\cong$)



Exterior ∠'s of a △



180
−44
136°

180
−43
−93
44°

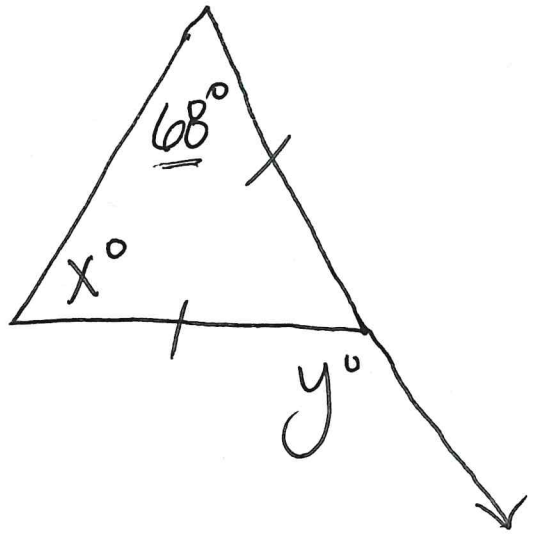
m∠C = 44°

m∠D = 136°

Lesson 8
pgs. 47-49 # 1-5

First Last Name

1.)



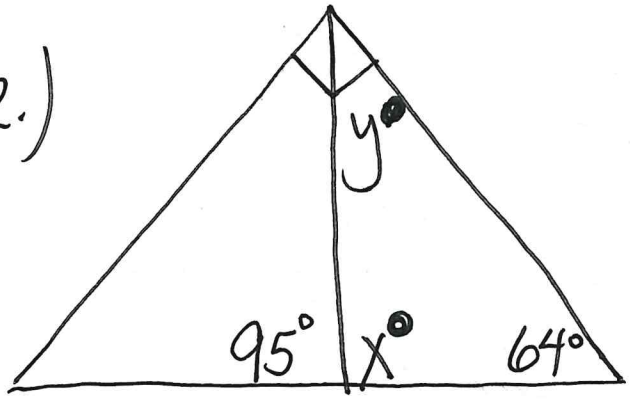
$x^\circ =$

Reason =

$y^\circ =$

Reason =

2.)



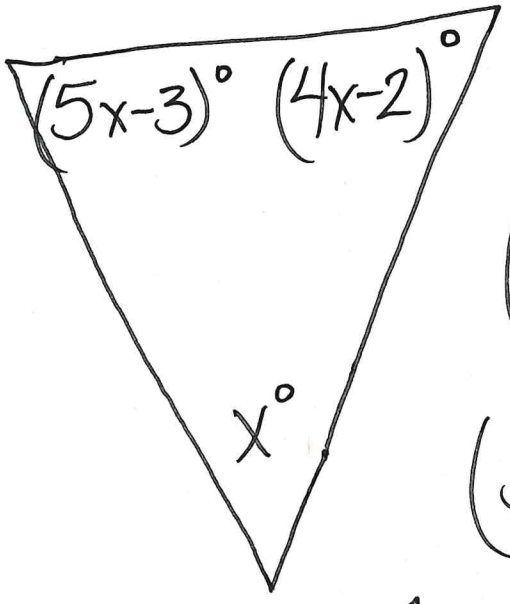
$x^\circ =$

Reason =

$y^\circ =$

Reason =

3) Algebra $\Delta = 180^\circ$

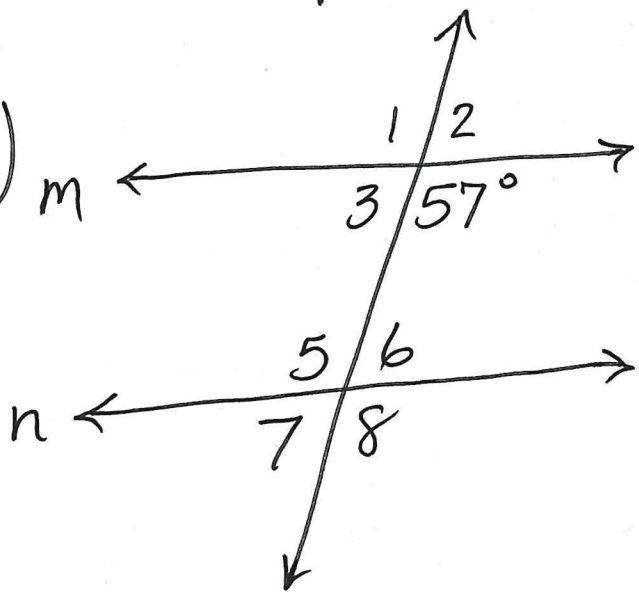


$X^\circ =$ _____

$(4x-2)^\circ =$ _____

$(5x-3)^\circ =$ _____

4.)



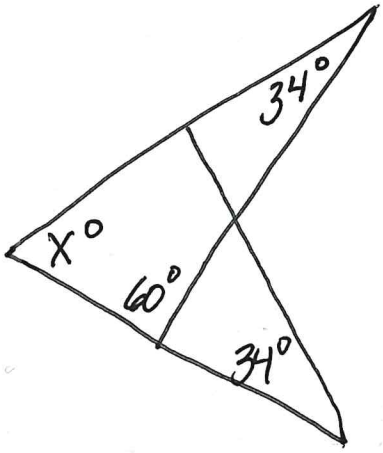
$m\angle 5 =$ _____

Reason = _____

$m\angle 8 =$ _____

Reason = _____

5.)



$X^\circ =$ _____

Reasons = _____