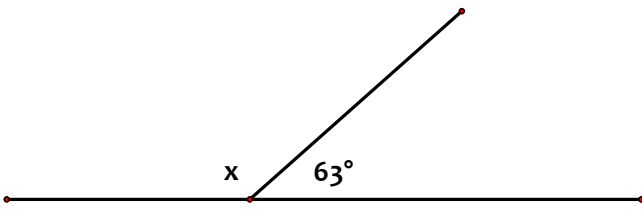


## 6.3: Basic Angle Problems

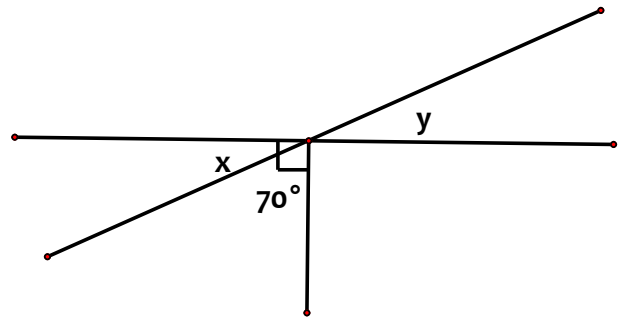
### Warm-Up:

Determine the size of the missing angles:

1.

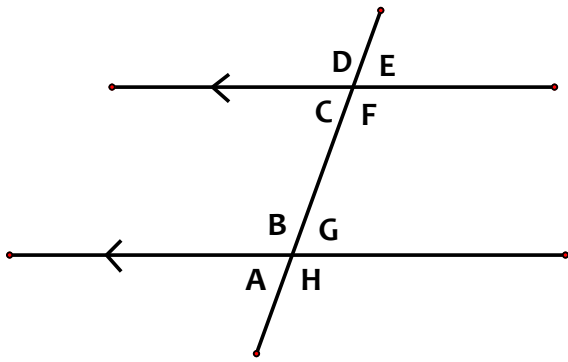


2.



*Terms for Today: Transversal, Alternate Interior Angle, Alternate Exterior Angle*

## Review Parallel Lines Patterns



The "Z" Pattern:

The "C" Pattern:

The "F" Pattern:

## Review Triangle Angles

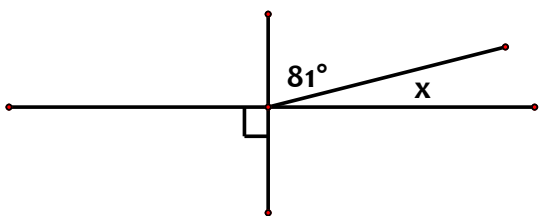
Equilateral Triangle

Isosceles Triangle

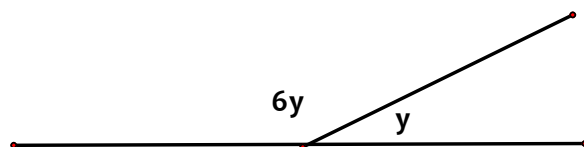
## Some Examples

Determine the values of  $x$ ,  $y$  and  $z$ . (Round to the nearest degree.)

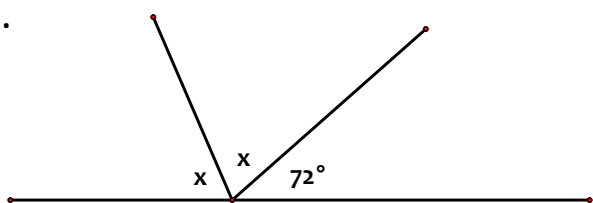
1.



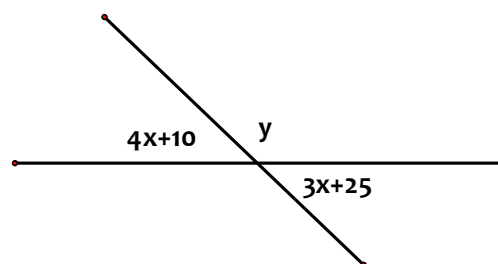
2.



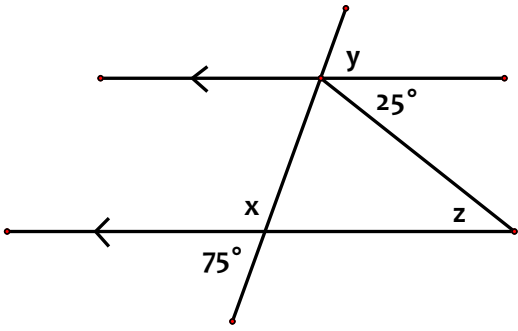
3.



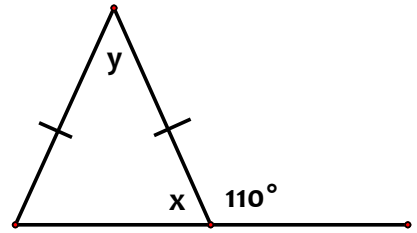
4.



5.



6.



7.

