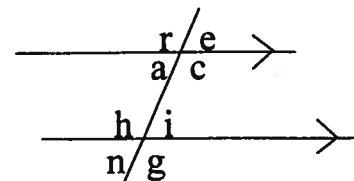


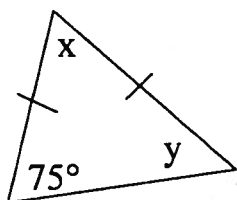
Review - Geometry

1. Using the figure to the right, fill in the blanks.

- a) $\angle r$ and $\angle a$ are called supplementary angles.
- b) $\angle a$ and $\angle n$ are called corresponding angles.
- c) $\angle a$ and $\angle e$ are called opposite angles.
- d) $\angle a$ and $\angle h$ are called co-interior angles.

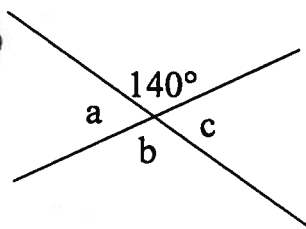


2. Solve for the value of each unknown angle.



$x = 30^\circ$ (ASTT)

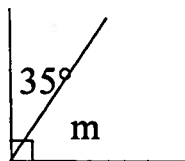
$y = 75^\circ$ (ITT)



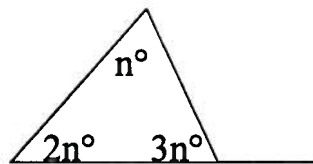
$a = 40^\circ$ (SAT)

$b = 140^\circ$ (OAT)

$c = 40^\circ$ (OAT)

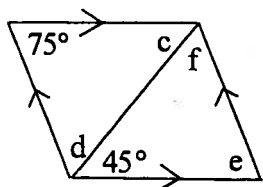


$m = 55^\circ$



$n = 30$

$n + 2n + 3n = 180^\circ$ (ASTT)
 $6n = 180^\circ$
 $n = 30$

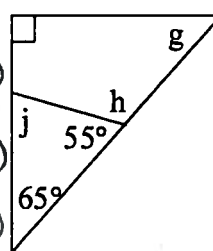


$c = 45^\circ$ (PLTZ)

$d = 60^\circ$ (ASTT)

$e = 75^\circ$ (ASTT)

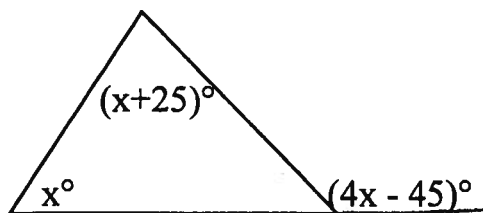
$f = 60^\circ$ (PLTZ)



$g = 25^\circ$ (ASTT)

$h = 125^\circ$ (SAT)

$j = 60^\circ$ (ASTT)



$4x - 45 = x + x + 25$ (EAT)

$2x = 70$

$x = 35^\circ$