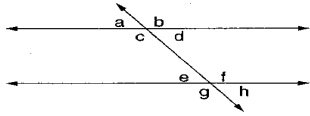


Corresponding Angles



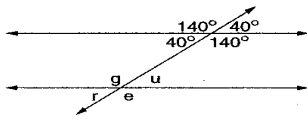
When a line intersects parallel lines, **corresponding angles** are congruent. In the diagram at the left, the following pairs of angles are **corresponding**:

$\angle a$ and $\angle e$ $\angle b$ and $\angle f$
 $\angle c$ and $\angle g$ $\angle d$ and $\angle h$

If $m\angle a = 70^\circ$, then $m\angle e = 70^\circ$.

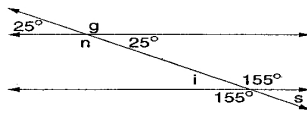
Find the measures of the angles.

1.



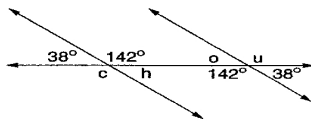
$m\angle g = \underline{\hspace{2cm}}$ $m\angle u = \underline{\hspace{2cm}}$
 $m\angle e = \underline{\hspace{2cm}}$ $m\angle r = \underline{\hspace{2cm}}$

2.



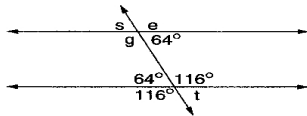
$m\angle n = \underline{\hspace{2cm}}$ $m\angle g = \underline{\hspace{2cm}}$
 $m\angle i = \underline{\hspace{2cm}}$ $m\angle s = \underline{\hspace{2cm}}$

3.



$m\angle u = \underline{\hspace{2cm}}$ $m\angle o = \underline{\hspace{2cm}}$
 $m\angle c = \underline{\hspace{2cm}}$ $m\angle h = \underline{\hspace{2cm}}$

4.



$m\angle s = \underline{\hspace{2cm}}$ $m\angle e = \underline{\hspace{2cm}}$
 $m\angle g = \underline{\hspace{2cm}}$ $m\angle t = \underline{\hspace{2cm}}$