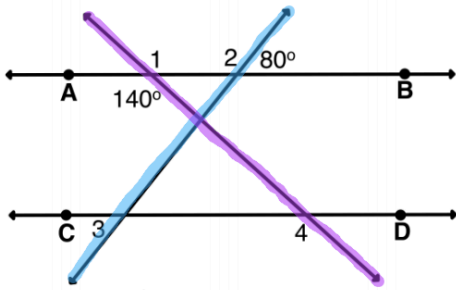


Properties of Parallel Lines

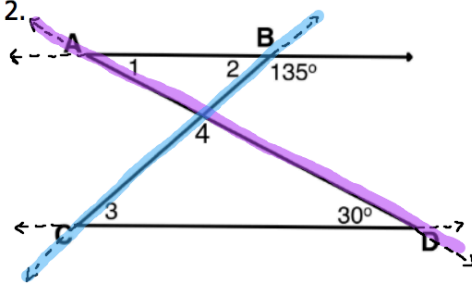
In each drawing, $AB \parallel CD$. Find the measure of the numbered angles.

1.

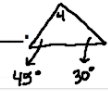


$m\angle 1 = 140^\circ$, $m\angle 2 = 100^\circ$,
 $m\angle 3 = 80^\circ$, $m\angle 4 = 140^\circ$.

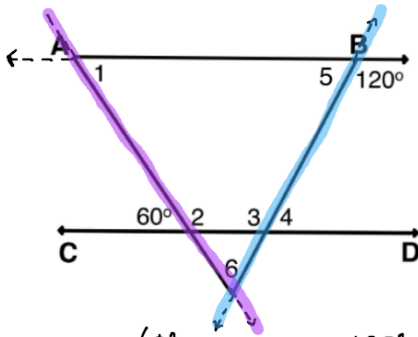
2.



$m\angle 1 = 30^\circ$, $m\angle 2 = 45^\circ$,
 $m\angle 3 = 45^\circ$, $m\angle 4 = 105^\circ$.



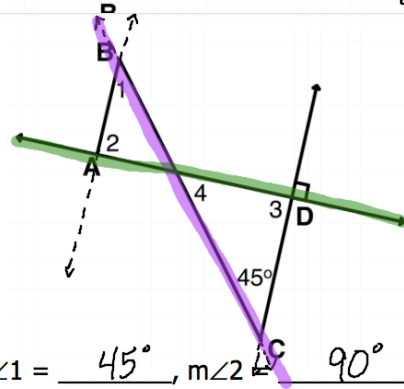
3.



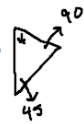
$m\angle 1 = 60^\circ$, $m\angle 2 = 120^\circ$,
 $m\angle 3 = 120^\circ$, $m\angle 4 = 60^\circ$.
 $m\angle 5 = 60^\circ$, $m\angle 6 = 60^\circ$.



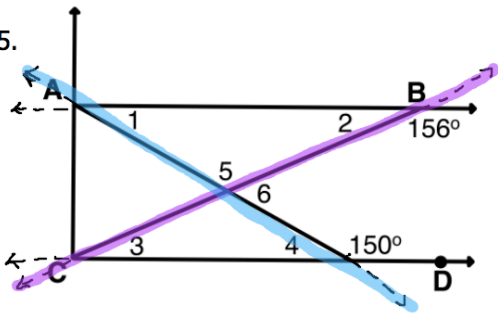
4.



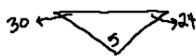
$m\angle 1 = 45^\circ$, $m\angle 2 = 90^\circ$,
 $m\angle 3 = 90^\circ$, $m\angle 4 = 45^\circ$.



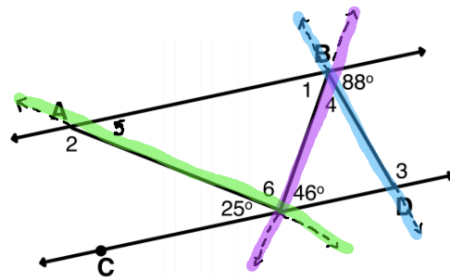
5.



$m\angle 1 = 30^\circ$, $m\angle 2 = 24^\circ$,
 $m\angle 3 = 24^\circ$, $m\angle 4 = 30^\circ$.
 $m\angle 5 = 126^\circ$, $m\angle 6 = 54^\circ$.



6.



$m\angle 1 = 46^\circ$, $m\angle 2 = 155^\circ$,
 $m\angle 3 = 92^\circ$, $m\angle 4 = 41^\circ$.
 $m\angle 5 = 25^\circ$, $m\angle 6 = 109^\circ$.

