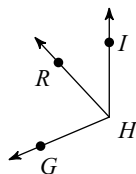
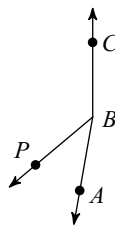


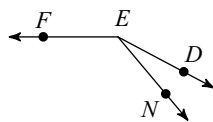
- 1) Find $m\angle GHR$ if $m\angle GHR = 36x - 2$,
 $m\angle GHI = 113^\circ$, and $m\angle RHI = 22x - 1$.



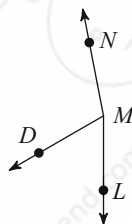
- 2) $m\angle ABP = 14x - 2$, $m\angle ABC = 170^\circ$,
 and $m\angle PBC = 42x + 4$. Find $m\angle PBC$.



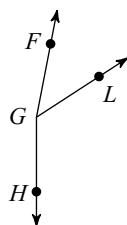
- 3) $m\angle DEF = 152^\circ$, $m\angle DEN = 3x + 4$,
 and $m\angle NEF = 22x - 2$. Find $m\angle NEF$.



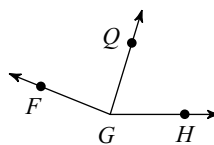
- 4) $m\angle LMD = 11x - 6$, $m\angle LMN = 169^\circ$,
 and $m\angle DMN = 18x + 1$. Find $m\angle LMD$.



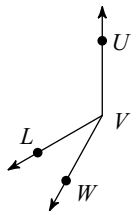
- 5) Find $m\angle FGH$ if $m\angle LGH = 29x + 7$,
 $m\angle FGH = 41x + 5$, and $m\angle FGL = 46^\circ$.



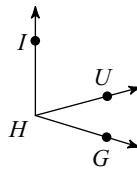
- 6) Find $m\angle QGH$ if $m\angle FGQ = 42x + 1$,
 $m\angle QGH = 35x + 3$, and $m\angle FGH = 158^\circ$.



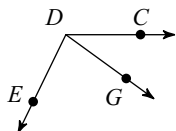
- 7) $m\angle LVU = 120x$, $m\angle WVU = 150x + 1$,
and $m\angle WVL = 31^\circ$. Find $m\angle WVU$.



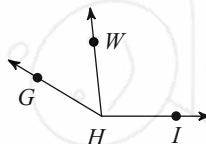
- 8) $m\angle IHG = 107^\circ$, $m\angle UHG = 34 + x$,
and $m\angle IHU = x + 77$. Find $m\angle IHU$.



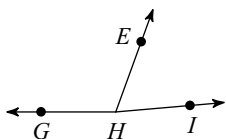
- 9) Find $m\angle CDG$ if $m\angle CDE = 116^\circ$,
 $m\angle CDG = 1 + 5x$, and $m\angle GDE = 12x - 4$.



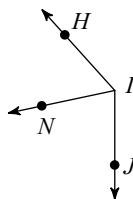
- 10) $m\angle GHI = 12x + 5$, $m\angle WHI = 96^\circ$,
and $m\angle GHW = 5x - 7$. Find $m\angle GHI$.



- 11) $m\angle EHI = 4x + 17$, $m\angle GHI = 175^\circ$,
and $m\angle GHE = 8x + 14$. Find $m\angle EHI$.



- 12) $m\angle JIH = 138^\circ$, $m\angle NIH = x + 69$,
and $m\angle JIN = x + 87$. Find $m\angle NIH$.



Answers to

1) 70°
5) 169°
9) 36°

2) 130°
6) 73°
10) 149°

3) 130°
7) 151°
11) 65°

4) 60°
8) 75°
12) 60°

