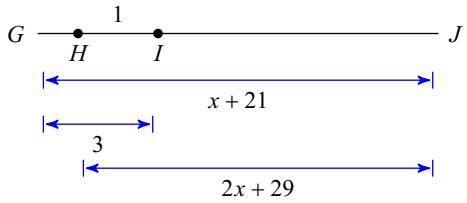
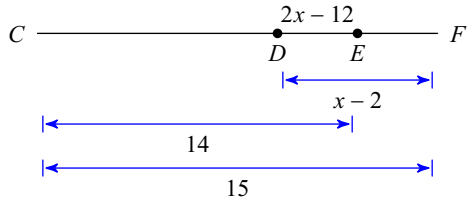
GCO9 Addition Postulate, Parallel Lines Remediation

Date_____ Period____

Solve for *x*.

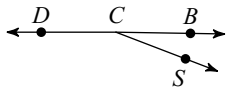
1) 

A) −6 *B) −10
C) 5 D) 9

2) 

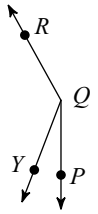
A) −3 B) −1
*C) 9 D) −5

3) $m\angle SCD = 22x + 5$, $m\angle BCD = 179°$, and $m\angle BCS = 6 + 2x$. Find $m\angle SCD$.



*A) 159° B) 128°
C) 147° D) 120°

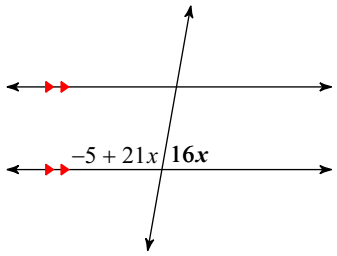
4) Find $m\angle YQR$ if $m\angle PQR = 19x - 1$, $m\angle PQY = 21°$, and $m\angle YQR = 17x - 6$.



A) 6° B) 142°
*C) 130° D) 8°

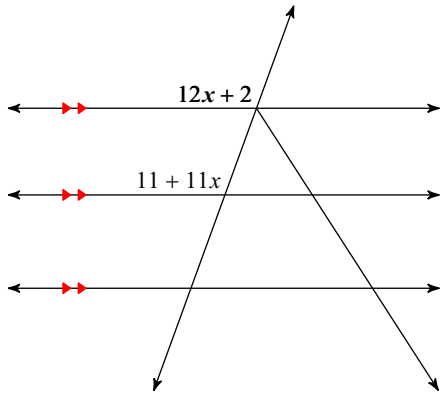
Find the measure of the angle indicated in bold.

5)



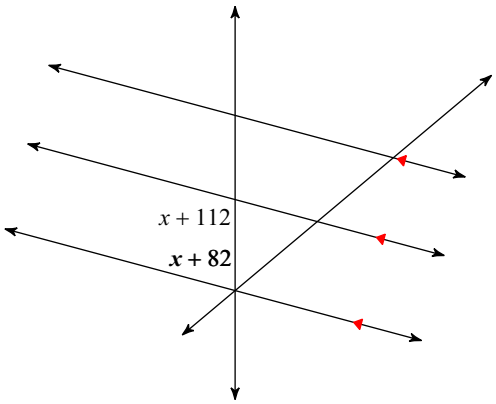
A) 65° *B) 80°
C) 87° D) 55°

6)



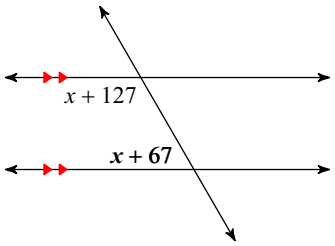
A) 105° *B) 110°
C) 140° D) 100°

7)



*A) 75° B) 110°
C) 51° D) 130°

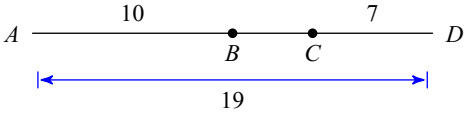
8)



A) 95° B) 78°
*C) 60° D) 42°

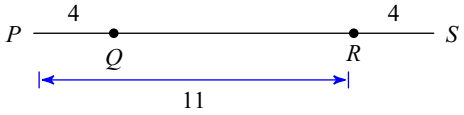
Find the length indicated.

9) Find *BC*



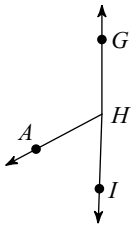
A) 3 *B) 2
C) 6 D) 4

10) Find *QS*



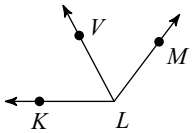
A) 10 B) 14
C) 9 *D) 11

11) Find $m\angle IHA$ if $m\angle AHG = 30x - 2$, $m\angle IHA = 14x + 4$, and $m\angle IHG = 178°$.



A) 43° *B) 60°
C) 42° D) 70°

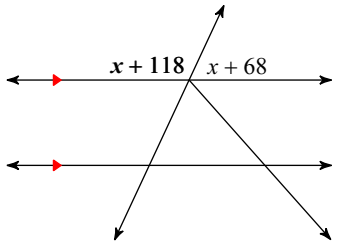
12) $m\angle VLM = 70 + x$, $m\angle KLM = 127°$, and $m\angle KLV = x + 67$. Find $m\angle KLV$.



A) 38° B) 4°
C) −5° *D) 62°

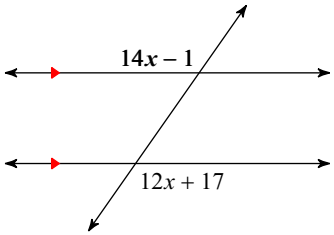
Find the measure of the angle indicated in bold.

13)



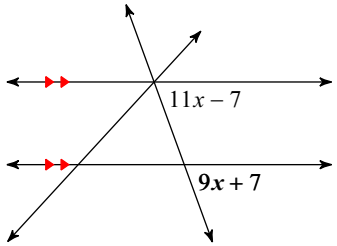
A) 95° B) 125°
*C) 115° D) 60°

14)



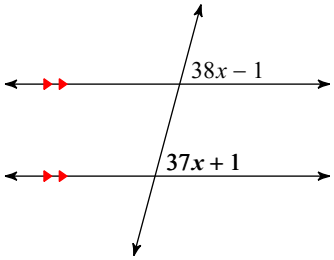
A) 55° *B) 125°
C) 70° D) 40°

15)



A) 75° B) 55°
*C) 70° D) 80°

16)



A) 65° *B) 75°
C) 121° D) 60°