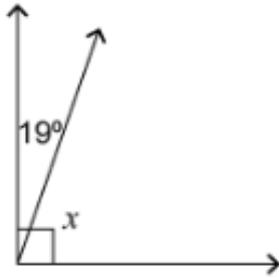




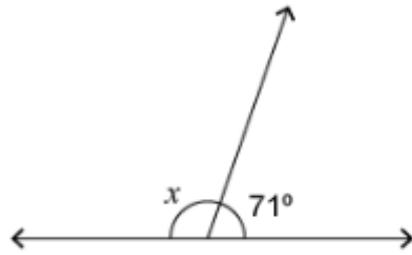
Grade Eight

Determining Measures of Complementary and Supplementary Angles

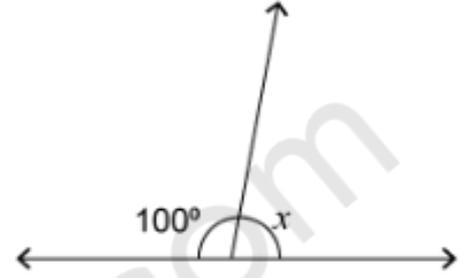
Find the value of x in each angle



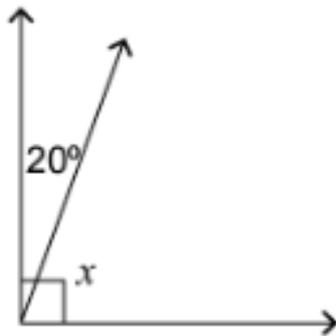
$$x = \boxed{}^\circ$$



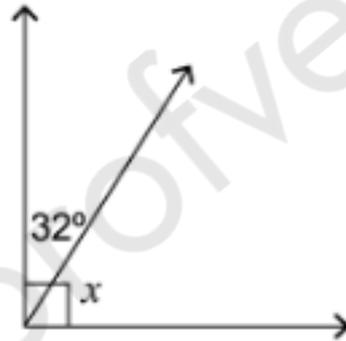
$$x = \boxed{}^\circ$$



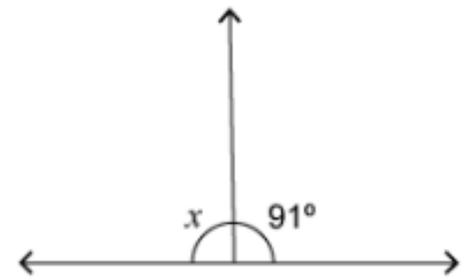
$$x = \boxed{}^\circ$$



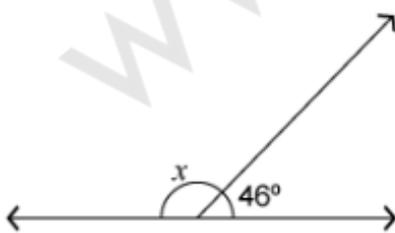
$$x = \boxed{}^\circ$$



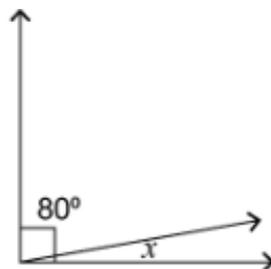
$$x = \boxed{}^\circ$$



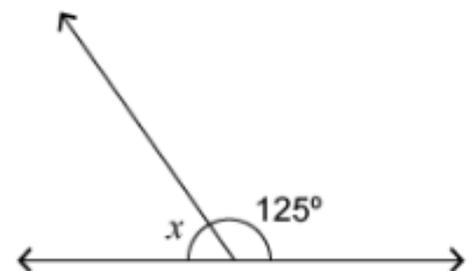
$$x = \boxed{}^\circ$$



$$x = \boxed{}^\circ$$



$$x = \boxed{}^\circ$$



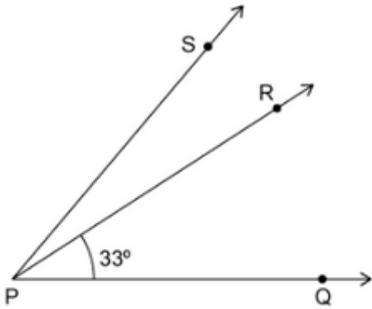
$$x = \boxed{}^\circ$$



Solving Equations to Find Adjacent Angles

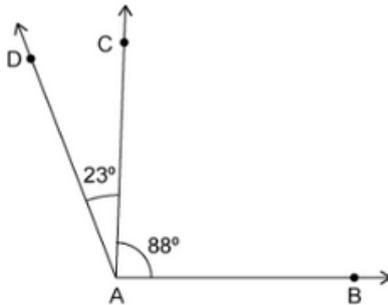
Find the value of

$m\angle SPQ = 50^\circ$, $m\angle SPR = (x + 7)^\circ$



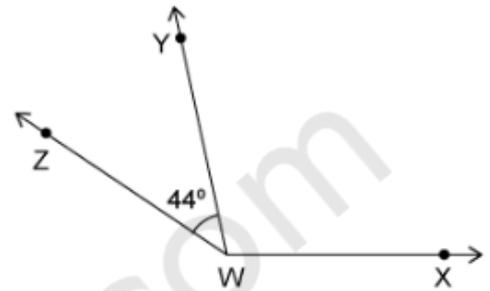
$x =$

$m\angle DAB = (x - 55)^\circ$



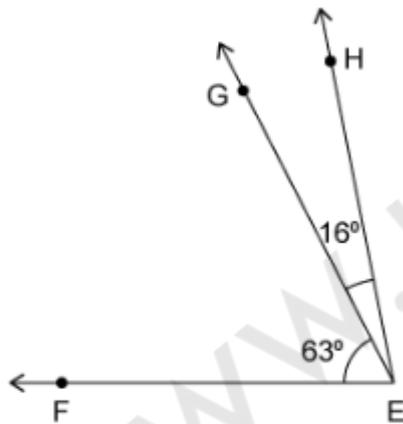
$x =$

$m\angle ZWX = 146^\circ$, $m\angle XWY = (x - 36)^\circ$



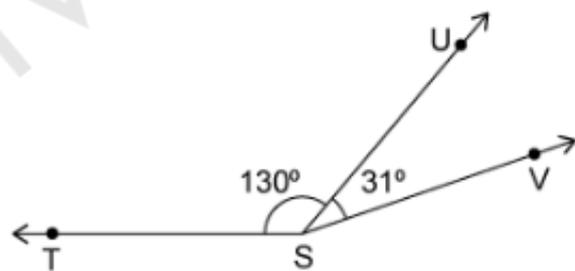
$x =$

$m\angle HEF = (x + 18)^\circ$



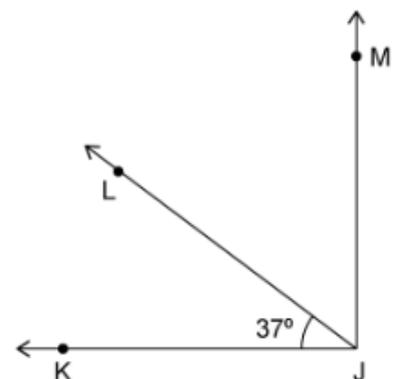
$x =$

$m\angle VST = (x - 11)^\circ$



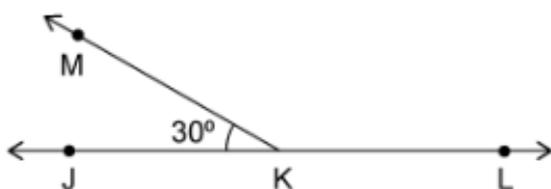
$x =$

$m\angle MJK = 90^\circ$, $m\angle MJL = (x + 25)^\circ$



$x =$

$m\angle JKL = 180^\circ$, $m\angle MKL = (x - 20)^\circ$



$x =$