



Additive Angles

Grade 6

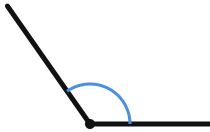
Name: _____

Find the value of x .

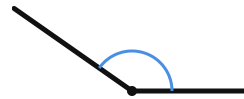
Subtract the known angle from the total angle to find x .

Example: $x = 90 - 30 = \underline{60^\circ}$

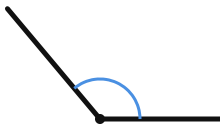
- (1) If one adjacent angle is 80° and the other adjacent angle is 45° , what is their total angle?



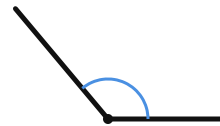
- (2) If one adjacent angle is 75° and the other adjacent angle is 70° , what is their total angle?



- (3) If one adjacent angle is 60° and the other adjacent angle is 70° , what is their total angle?



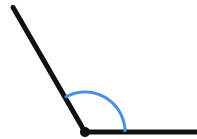
- (4) If one adjacent angle is 55° and the other adjacent angle is 75° , what is their total angle?



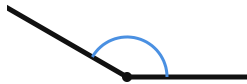
(5) If one adjacent angle is 50° and the other adjacent angle is 105° , what is their total angle?



(6) If one adjacent angle is 70° and the other adjacent angle is 50° , what is their total angle?



(7) If one adjacent angle is 70° and the other adjacent angle is 80° , what is their total angle?



(8) If one adjacent angle is 40° and the other adjacent angle is 95° , what is their total angle?

