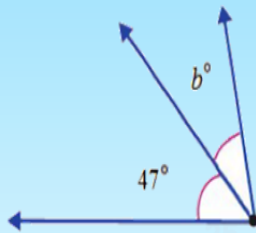


# 4MD7

## Worksheet video 1 Name \_\_\_\_\_

### Problem 1

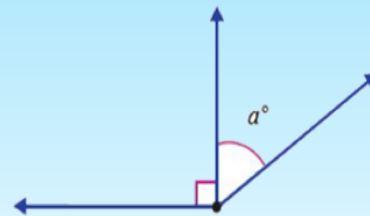
The combined angle measure is 80 degrees. What is the value of  $b$ ?



- A. 26 degrees      B. 33 degrees  
C. 40 degrees      D. 47 degrees

### Problem 2

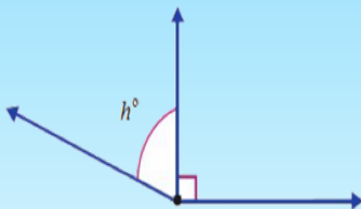
The combined angle measure is 146 degrees. What is the value of  $a$ ?



- A. 52 degrees      B. 56 degrees  
C. 60 degrees      D. 64 degrees

### Problem 3

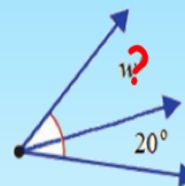
Maria paints the corner of a mural as a right angle. She adds the angle shown to the existing corner of the mural. If the new angle of the corner is 160 degrees, what is the angle of the mural that Maria added to the right angle?



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### Problem 4

Nicole has a slice of pie on her plate that measures 20 degrees. Cameron places his slice of pie next to Nicole's to form a larger slice. If the total angle of the pie is 50 degrees, what is the angle of Cameron's slice of pie?



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