

# Master Maths 9 Worksheet 48

## Polygons - Calculating Angles

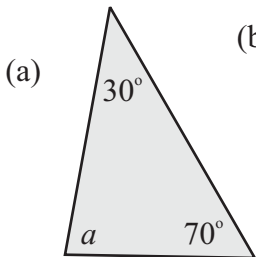
# 48

*Name:* \_\_\_\_\_

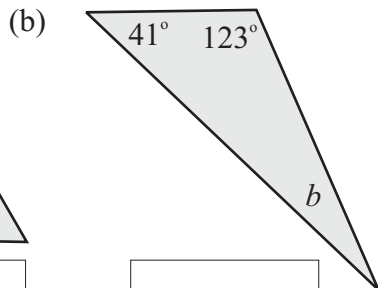
1. Complete this table by writing the sum of the interior angles for the polygons shown.

Polygon	Sum of Interior Angles
Triangle	
Quadrilateral	
Pentagon	
Hexagon	
Heptagon	
Octagon	
Nonagon	
Decagon	

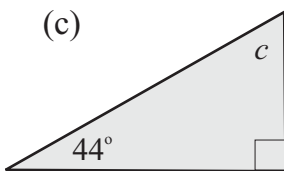
2. Use these values to calculate the unknown angles in the following polygons.



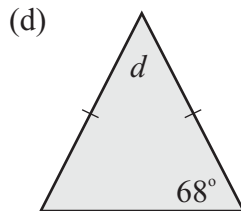
$a =$



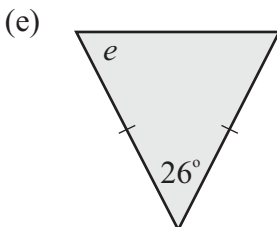
$b =$



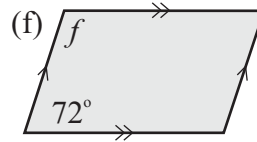
$c =$



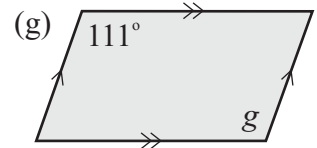
$d =$



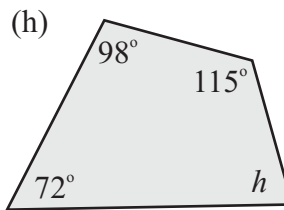
$e =$



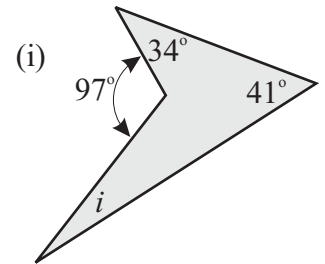
$f =$



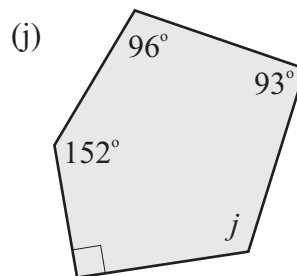
$g =$



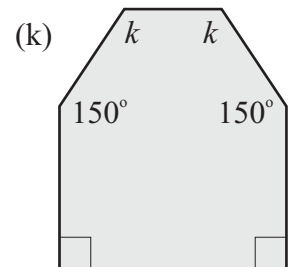
$h =$



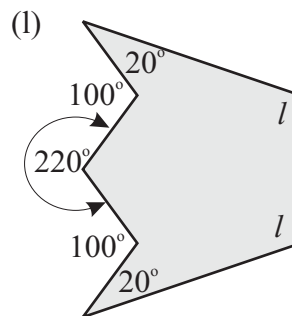
$i =$



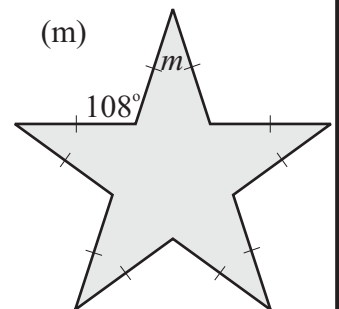
$j =$



$k =$



$l =$



$m =$