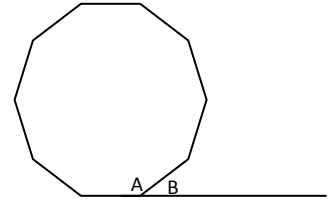


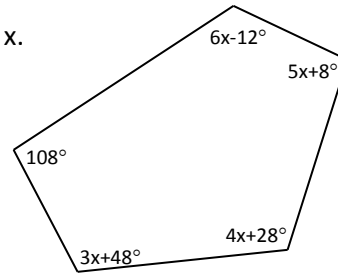
### 10.3 Practice: Sides and Angles of Polygons

1) Find the sum of the interior angles of an octagon.

2) Given the regular decagon. Find the measures of angle A and angle B.



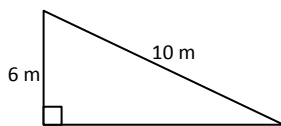
3) Find the measure of each angle that is represented in terms of  $x$ .



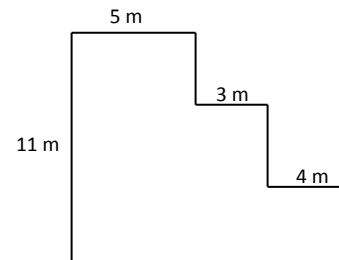
4) A field has a perimeter of 600 ft. The length is 50 feet longer than the width. Find the length and width of the field.

5-6 Find the perimeter of each shape.

5)

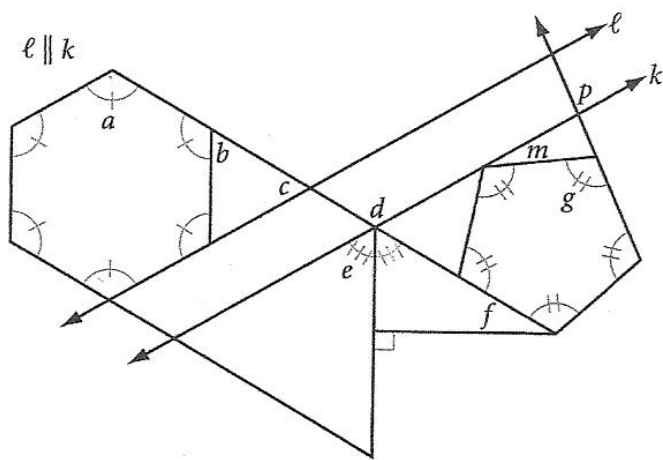


6)



7) The perimeter of a rectangle 46 cm and the length of one side is 15cm. Find the length of a diagonal of the rectangle.

8) Find the measure of each lettered angle:



- a=
- b=
- c=
- d=
- e=
- f=
- g=
- m=
- p=