

### Topic 5: Plane Figures - Measuring Angles & Areas

**Draw an angle with the given measurement. If you need access to a protractor, please use the following website to download a paper protractor.**

**<https://www.teachervision.com/measurement/protractor>**

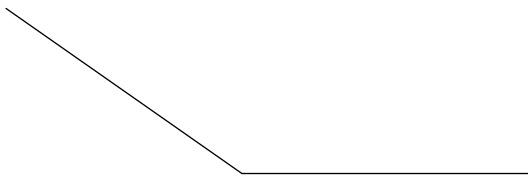
1)  $95^\circ$

2)  $160^\circ$

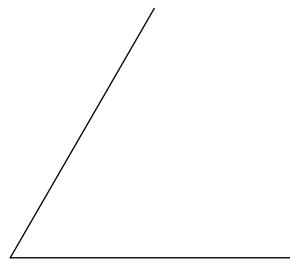


**Find the measure of each angle to the nearest degree.**

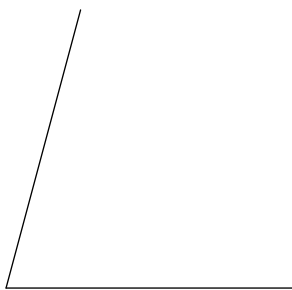
3)



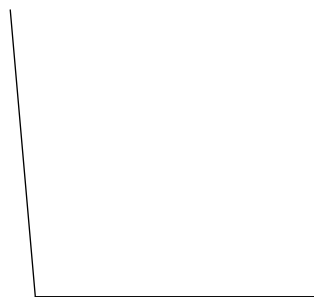
4)



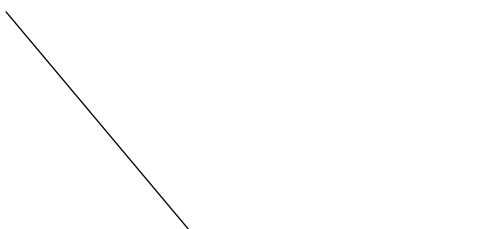
5)



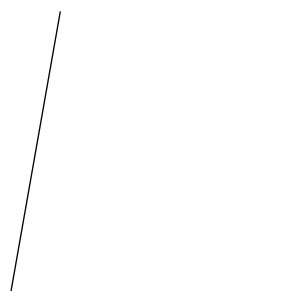
6)



7)

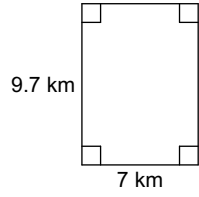


8)

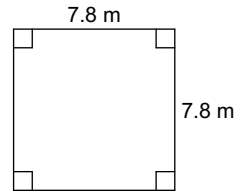


**Find the area of each.**

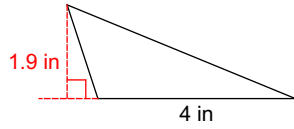
9)



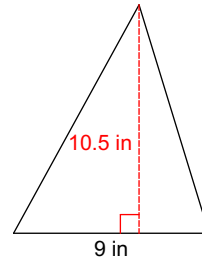
10)



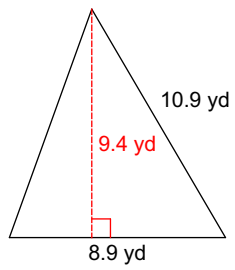
11)



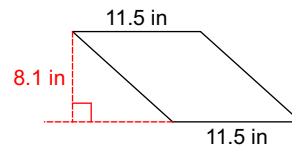
12)



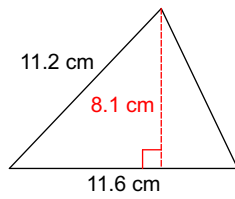
13)



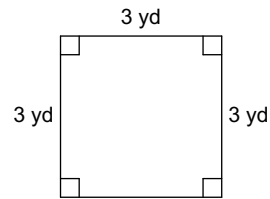
14)



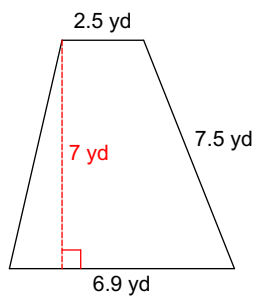
15)



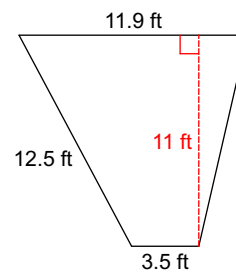
16)



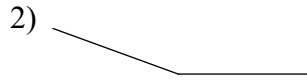
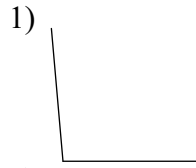
17)



18)



## Answers to Topic 5: Plane Figures - Measuring Angles & Areas (ID: 1)



3)  $145^\circ$

4)  $60^\circ$

5)  $75^\circ$

6)  $95^\circ$

7)  $130^\circ$

8)  $80^\circ$

9)  $67.9 \text{ km}^2$

10)  $60.84 \text{ m}^2$

11)  $3.8 \text{ in}^2$

12)  $47.25 \text{ in}^2$

13)  $41.83 \text{ yd}^2$

14)  $93.15 \text{ in}^2$

15)  $46.98 \text{ cm}^2$

16)  $9 \text{ yd}^2$

17)  $32.9 \text{ yd}^2$

18)  $84.7 \text{ ft}^2$