





Chapter 12: Constructions and Scale Drawings p.500

Classification of Angles

1) Right Angle is 90° 

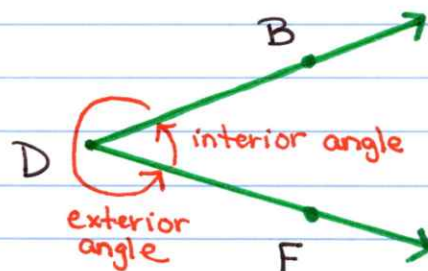
2) Obtuse Angle is greater than 90° 

3) Acute Angle is less than 90° 

4) Straight Angle is 180° 

Two rays meet to make an angle. The point where they meet is called the vertex (vertices).

Naming Angles: need 3 letters (if given)
vertex is always the middle letter



$\angle BDF$ or
 $\angle FDB$

$$\text{interior angle} + \text{exterior angle} = 360^\circ$$

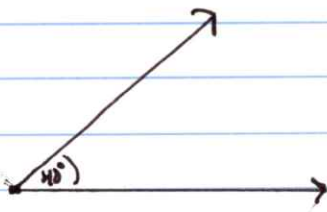
When measuring angles, we normally measure the interior angle. The exterior angle can be found by subtracting the interior angle from 360° (a circle).

On a protractor  bottom row

 top row

Construct (draw) the following angles:

1) 40°



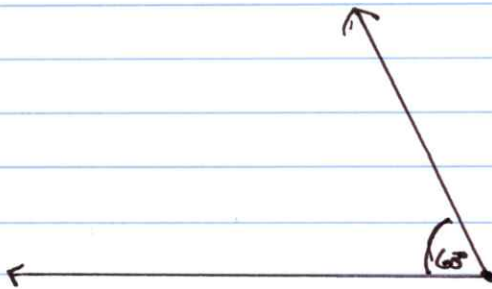
2) 172°



3) 10°



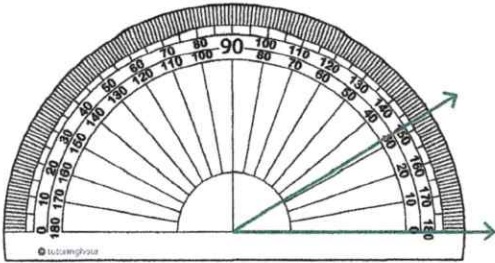
4) 63°



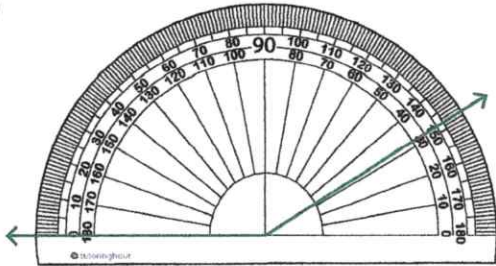
Reading Protractors & Matching Measures Answer key

Read the protractor and match the angle to its corresponding measures.

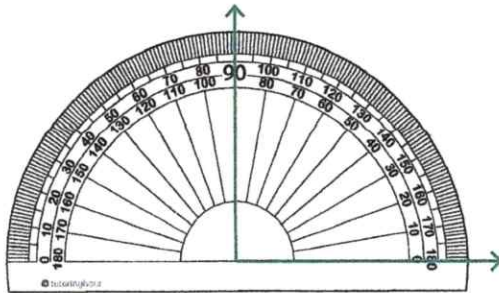
1)



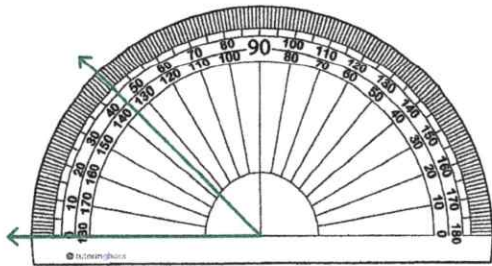
2)



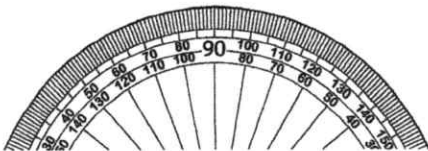
3)



4)



5)



148°

90°

167°

32°

45°