

1) Double the measure of each angle.

a) 14° _____

b) 73.3° _____

c) 164.8° _____

2) Determine the measure of each angle.

a) $\frac{1}{2}$ of 172° _____

b) $\frac{1}{2}$ of 81° _____

3) Calculate the measure of each angle.

a) $360^\circ \div 2$ _____

b) $360^\circ \div 60$ _____

c) $360^\circ \div 12$ _____

4) Determine the measure of each unknown angle

a) $37^\circ +$ _____ $= 90^\circ$

b) $96^\circ +$ _____ $= 180^\circ$

5) Match each type of angle with its description



right angle

an angle less than 90°



straight angle

a 90° angle



acute angle

an angle greater than 90° but less than 180°



obtuse angle

a 180° angle



reflex angle

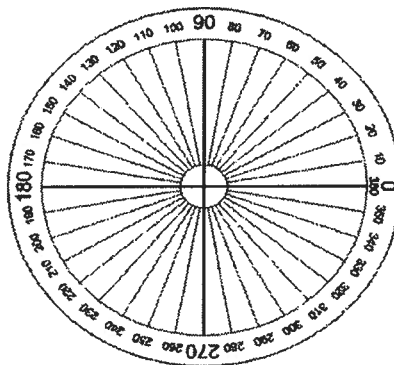
an angle greater than 180° but less than 360°

6. Determine the number of degrees in each

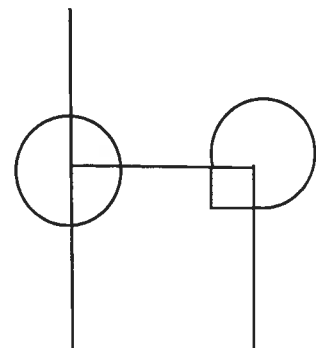
a) 1 whole circle _____

b) $\frac{1}{2}$ of a circle _____

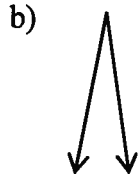
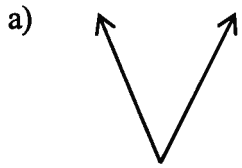
c) $\frac{1}{4}$ of a circle _____



7) What 3 angle measures are shown in the chair diagram?



8) Measure the following angles using a protractor.



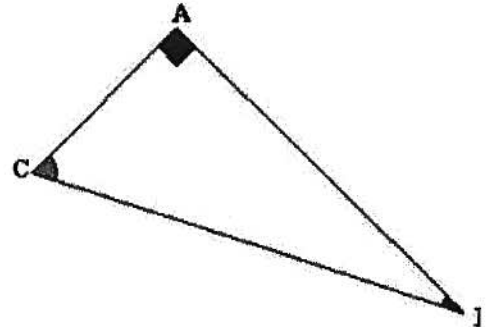
b) Find the angles in the triangle what do three angles add up to be

A = _____

B = _____

C = _____

Total of A + B + C = _____



Thus all angles in a triangle add up to be _____

9) Find the missing angle in the following triangles:

