

ANGLES 2

Consolidation

1. QUESTION

A clock shows 5:00 p.m. What is the size of obtuse angle made by the hands.



Obtuse angles are more than _____° but less than _____°.

Answer = The size of the obtuse angle above is _____°.

2. QUESTION

The time on a clock is 2:00 a.m.



If the minute hand turned $\frac{1}{2}$ revolution, calculate:

a) The size of the angle through which it turned.

$\frac{1}{2}$ revolution = minutes = right angle turns = _____° turn <– Answer

b) What number will the minute hand be?

Answer = number

c) What time will the clock now show?

Answer = It will be a.m.

3. QUESTION

A pizza is cut into pieces. Determine the angle of the eaten portion. Type your answer to the nearest whole number.



Amount of slices eaten = slices

Answer = The angle of the eaten portion is _____°.

4. QUESTION

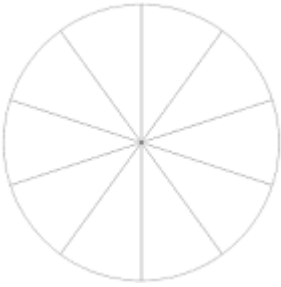
Calculate the size of the missing angle.



Answer = _____°

5. QUESTION

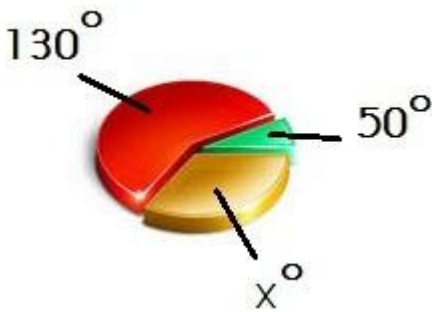
Each sector in the circle is equal. What is the size of each angle?



Answer = each sector is _____°

6. QUESTION

Observe the pie chart below. What angle is x?



Answer = _____°

7. QUESTION

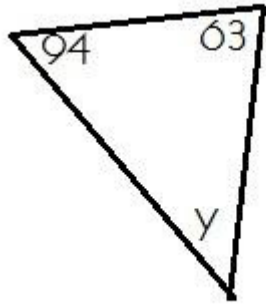
What is the size of the angle N and SE in an anti-clockwise turn.



Answer= _____°

8. QUESTION

Calculate size of the missing angle. What type of triangle?



Answer = Angle 'y' is ____°. The sides indicate a _____ triangle and, according to its angles, an _____ triangle.

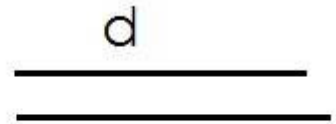
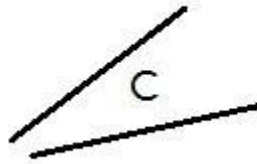
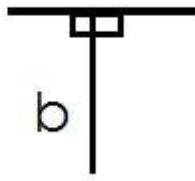
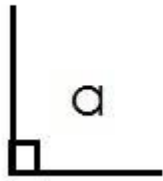
9. QUESTION

Calculate the angles for the following triangles.

	Answer a = _____ b = _____		Answer a = _____ b = _____
	Answer a = _____		Answer a = _____

10. QUESTION

Which line is perpendicular?



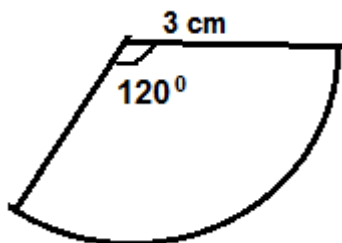
11. QUESTION

Find the value of the angles a in the quadrilaterals below?

Answer= $a =$ _____	Answer = $a =$ _____	Answer = $a =$ _____	Answer = $a =$ _____ $b =$ _____
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12. QUESTION

What is the distance around this 3 sided figure?



- ☐ 6.28 cm
 ☐ 12.28 cm
 ☐ 19 cm
 ☐ 18 cm