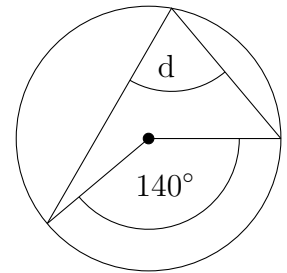
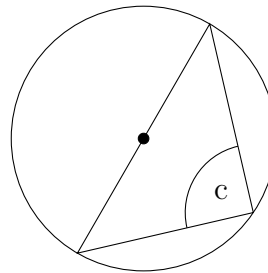
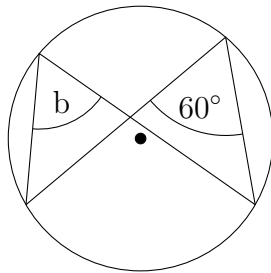
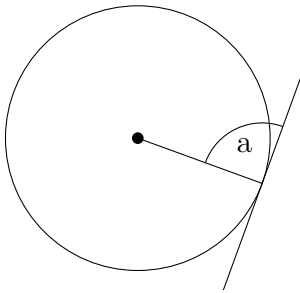


1. Write down the size of the angles marked a, b, c and d.

Give a reason for each answer.

{FYI ● is the centre of each circle}



a = ° because

b = ° because

c = ° because

d = ° because

.....

angleCircle (5) Q1:

a = 90 because angle between tangent and radius = 90°

b = 60 because angles at the circumference from the same arc are equal

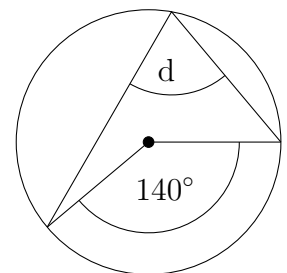
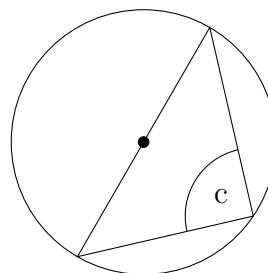
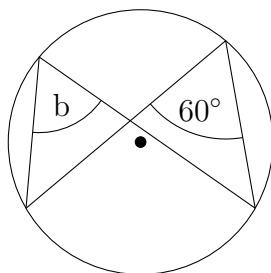
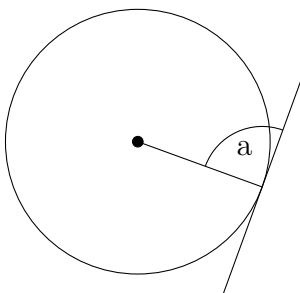
c = 90 because angle in a semicircle = 90°

d = 70 because the angle at the centre is twice the angle at the circumference from the same arc

1. Write down the size of the angles marked a, b, c and d.

Give a reason for each answer.

{FYI ● is the centre of each circle}



a = ° because

b = ° because

c = ° because

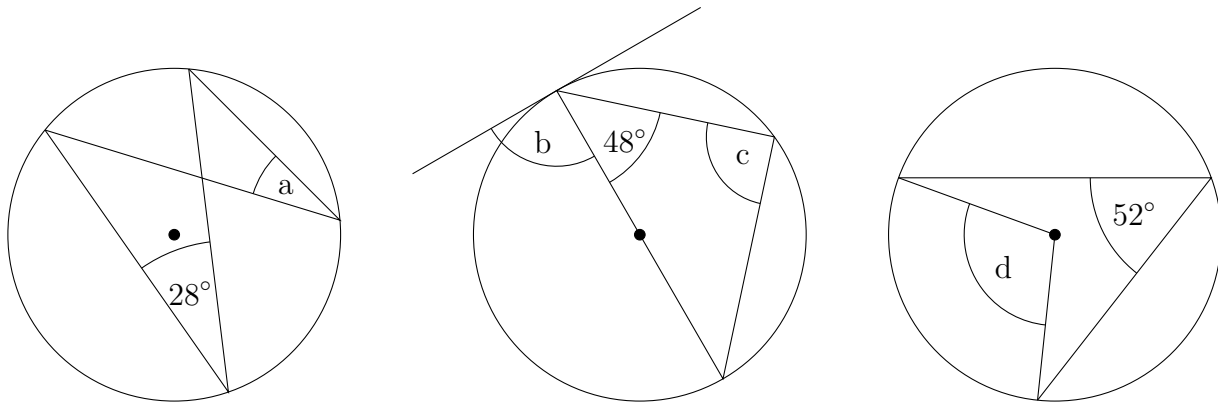
d = ° because

.....

2. Write down the size of each angle marked with a letter.

Give a reason for each answer.

{FYI ● is the centre of each circle}



- a = $^\circ$ because
- b = $^\circ$ because
- c = $^\circ$ because
- d = $^\circ$ because

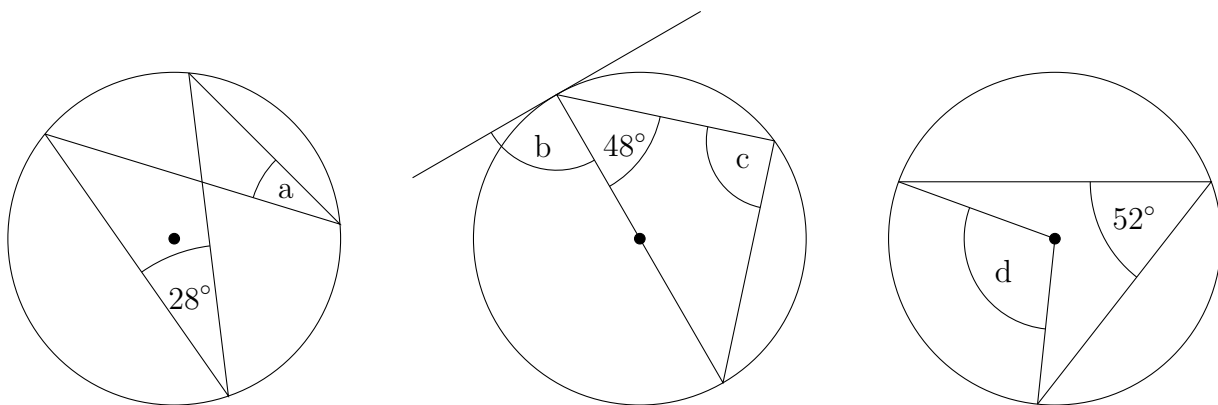
Q2

- a = 28 because angles at the circumference from the same arc are equal
- b = 90 because angle between tangent and radius = 90°
- c = 90 because angle in a semicircle = 90°
- d = 104 because the angle at the centre is twice the angle at the circumference from the same arc

2. Write down the size of each angle marked with a letter.

Give a reason for each answer.

{FYI ● is the centre of each circle}



- a = $^\circ$ because
- b = $^\circ$ because
- c = $^\circ$ because
- d = $^\circ$ because