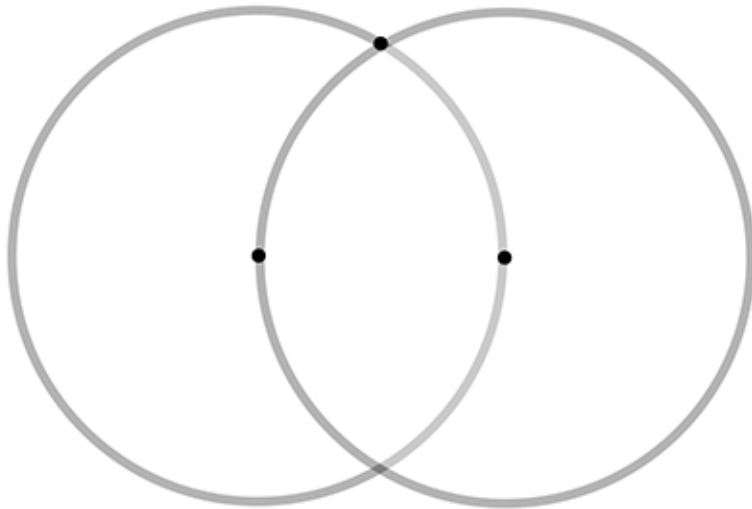
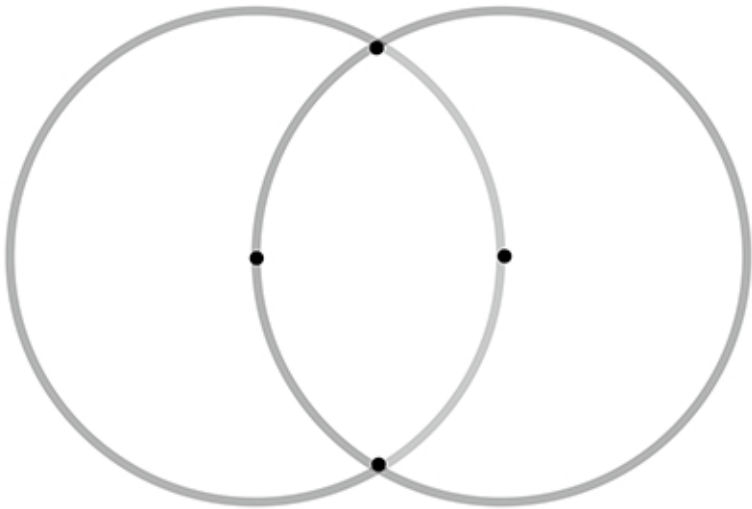


TRIANGLES FROM CIRCLES



Use a ruler to draw a straight line from the upper dot to each circle's center dot. Now connect the two center dots with a horizontal line.

Can you make a larger triangle by extended the two sides down to the base of the circles?



Repeat making the smaller triangle in the steps above. Now connect each circle's center dot to the dot where the circles intersect at the bottom.

What did you end up with?

Repeat the figure above.

Now draw a horizontal line through the four dots that bisect the two circles.

Can you add more lines so that you end up with a total of 10 triangles the same size as the 2 triangles you made above?

How many total triangles can you find?
Do you notice any other shapes?

