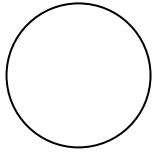
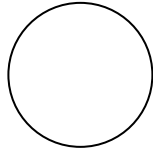
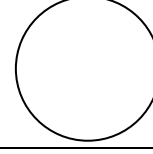
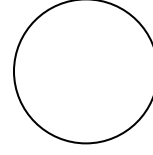
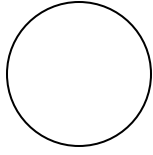
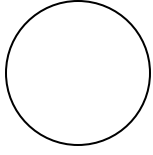


9.1 review sheet

| Word | Question? | Drawing In your book. Draw and name each of the following. |
|--|---|---|
| Circle: All points are equal distance from a center point | How do I name a circle? How many degrees in a circle |  |
| Radius: a segment whose endpoints are the center and any point on the circle | What do I know about all of the radii in a circle? (Lengths, what do they touch) |  |
| Chord: a segment whose endpoints are on a circle | If two chords are congruent, do you think they will make congruent arcs? |  |
| Diameter: a chord that contains the center of the circle | A diameter splits a circle in half, how many degrees are in each half? |  |
| Secant: a line that intersects a circle in two points | Why is a secant different to a chord? |  |
| Tangent: a line in the plane of a circle that intersects the circle in exactly one point (the <i>point of tangency</i>) | Why is a tangent different to a secant? |  |

Circle similarity

$r = 3$ and $R = 6$ show using a series of transformations or each circle relationship with π . Why the two circles are similar

