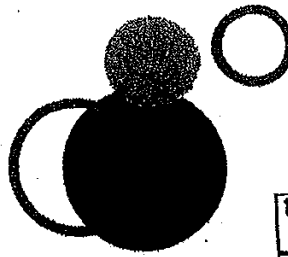
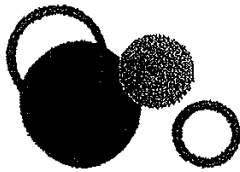
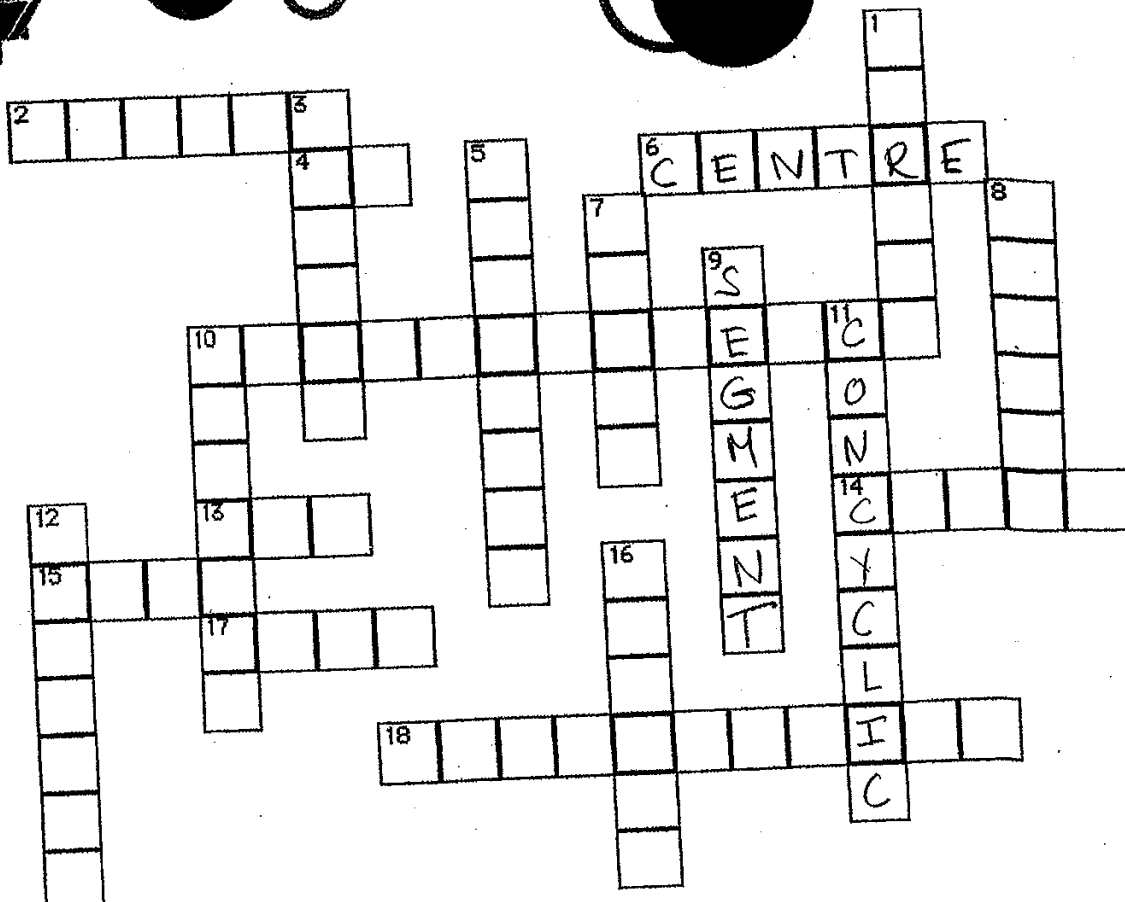


# Circles



B



**Across**

- 2 A circle is a set of \_\_\_\_\_ in a plane all equidistant from a center point.
- 4  $\pi$
- 6 The point that is equidistant from all points on a circle's circumference.
- 10 A circle's perimeter.
- 13 With a bit of imagination, any circle can look deliciously like a cheesecake or a banana cream \_\_\_\_\_. (Not to be confused with  $\pi$ .)
- 14 Any straight line <sup>segment</sup> connecting two points on a circle's circumference.
- 15 A circle's \_\_\_\_\_ is found by multiplying pi by the square of the radius.
- 17 \_\_\_\_\_-circle: half a circle.
- 18 The length of a circle's circumference is found by \_\_\_\_\_  $\pi$  by the diameter.

**Down**

- 1 Mary Van Berkel, invented the \_\_\_\_\_ (it rhymes!)
- 3 Whatever way a \_\_\_\_\_ is "cut" by a plane, the resulting flat surface is always a circle.
- 5 The chord cutting through a circle's center.
- 7 The circle that revolutionized the human race.
- 8 A portion of a circle bounded by radii and an arc.
- 9 The region within a circle's arc and a chord.
- 10 Circles are drawn with a pencil and a \_\_\_\_\_.
- 11 \_\_\_\_\_ points lie on the circumference of the same circle.
- 12 A line that touches just one point on a circle's radius.
- 16 Half a diameter.