Method 3° Lirst, calculate a circular perimeter around each shape. If no collision return NO\_OVERLAP. if collision OVERLAP I. If Shape I. type == circle and Shape 2. type == circle, use the distance return true Dy = y2- yr 12 formula to II. If the shapes were R= less thom DX=1/2- X1 not circles, pass each rutum tuu; polygon to the functions bool Polygon overlaps (court Lolygon ?); This function emplements the open-source all known 180° 2 / = 3 1 = 3 1, = 3 2 / = 6 a Clipper. By integrating this free-for-commercial-use. JO+346 library, the binary well now = Collision! be able to ditect clipping (collision) on any two polygons! split the ellipse Ellepses will need to be converted by my function, function polygon From Ellipse (Ellepsel); 4 quadrants into polygons based on the equation of its fare, = (xi, yi) = a cos(15°·i), b sin(15°·i) 15° 24=360° 6" slices per quadrent & coordinates!
24 of them! so we increment by 150 to draw a 24-sided polygon! now, we can detect collision of all shapes!