Ch 10: Circles

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  | 1  A |  | 2  C | I | R | C | U | M | F | E | R | E | N | C | E |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | R |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 3  C | I | R | C | L | E |  |  |  |  | 4  C |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 5  D |  |  | L |  |  |  |  |  |  |  |  |  | I |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | I |  | 6  S | E | G | M | E | N | T | O | F | C | I | R | C | L | E |  |  |  |  |  |  |  |
|  | 7  M |  |  |  |  | A |  |  | N |  |  |  |  |  |  |  |  |  | C |  |  |  |  |  |  |  |  |  |  |
|  | I |  |  |  |  | M |  |  | G |  |  |  | 8  C |  |  |  |  |  | U |  |  |  |  |  |  |  |  |  |  |
|  | N |  |  | 9  C |  | E |  |  | T |  |  |  | I |  | 10  I |  | 11  P |  | M |  |  |  |  | 12  A |  |  |  |  |  |
|  | O |  |  | H |  | T |  |  | H |  |  |  | R |  | N |  | O |  | S |  |  |  |  | D |  |  |  |  | 13  S |
|  | R |  |  | O |  | E |  |  |  |  |  |  | C |  | S |  | I |  | C |  |  |  |  | J |  |  |  |  | E |
| 14  M | A | J | O | R | A | R | C |  |  |  |  |  | U |  | 15  C | O | N | G | R | U | E | N | T | A | R | 16  C | S |  | C |
|  | R |  |  | D |  |  |  |  |  |  | 17  P |  | M |  | R |  | T |  | I |  |  |  |  | C |  | O |  |  | A |
|  | C |  |  | S |  |  |  | 18  R | A | D | I | U | S |  | I |  | O |  | B |  |  |  |  | E |  | N |  |  | N |
|  |  |  |  | E |  |  |  |  |  |  |  |  | C |  | B |  | F |  | E |  | 19  A |  |  | N |  | G |  |  | T |
|  | 20  T | A | N | G | E | N | T |  | 21  I | N | 22  T | E | R | C | E | P | T | E | D | A | R | C |  | T |  | R |  |  | S |
|  |  |  |  | M |  |  |  |  |  |  | A |  | I |  | D |  | A |  |  |  | C |  |  | A |  | U |  |  | E |
|  |  |  |  | E |  |  |  |  |  |  | N |  | B |  | A |  | N |  |  |  |  |  |  | R |  | E |  |  | G |
|  |  | 23  C | E | N | T | R | A | L | A | N | G | L | E |  | N |  | G |  |  |  |  | 24  S | E | C | A | N | T |  | M |
|  |  |  |  | T |  |  |  |  |  |  | E |  | D |  | G |  | E |  |  |  |  |  |  | S |  | T |  |  | E |
|  |  |  |  |  |  |  |  |  |  |  | N |  | P |  | L |  | N |  |  |  | 25  C |  |  |  |  |  |  |  | N |
|  |  |  |  |  |  |  |  |  |  |  | T |  | O |  | E |  | 26  C | O | M | M | O | N | T | A | N | G | E | N | T |
|  |  |  |  |  |  |  |  |  |  |  | S |  | L |  |  |  | Y |  |  |  | N |  |  |  |  |  |  |  |  |
|  |  | 27  S | E | M | I | 28  C | I | R | C | L | E |  | Y |  |  |  |  | 29  I | N | S | C | R | I | B | E | D |  |  |  |
|  |  |  |  |  |  | H |  |  |  |  | G |  | G |  |  |  |  |  |  |  | E |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | O |  |  |  |  | M |  | O |  |  |  |  |  |  |  | N |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | R |  | 30  E | X | T | E | R | N | A | L | S | E | C | A | N | T | S | E | G | M | E | N | T |  |
|  |  |  |  |  |  | D |  |  |  |  | N |  | S |  |  |  |  |  |  |  | R |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  | T |  |  |  |  |  |  |  |  |  | I |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  | 31  S | E | C | T | O | R | O | F | C | I | R | C | L | E |  |  |  |

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| **Across**  **2.** Distance around a circle  **3.** Set of points in a plane equidistant from the center  **6.** Region bounded by an arc and a chord  **14.** An arc greater than 180 degrees  **15.** Arcs with the same measurement  **18.** A segment with endpoints at the center and on the circle  **20.** A line in the same plane as the circle which intersects the circle in exactly on point  **21.** Arc formed by an inscribed angle  **23.** An angle with the vertex in the center of the circle  **24.** A line that intersects a circle in exactly two points  **26.** Line, ray, or segment this is tangent to two circles in the same plane  **27.** An arc equal to 180 degrees  **29.** When all vertices of a polygon lie on the circle  **30.** A secant segment that lies in the exterior of the circle  **31.** Region bounded by a central angle and its intercepts arc | **Down**  **1.** Distance between two endpoints along an arc measured in linear units  **4.** A circle is \_\_\_\_\_\_\_\_ about a polygon if it contains all vertices of that polygon  **5.** A chord that passes through the center  **7.** An arc less than 180 degress  **8.** When every side of the polygon is tangent to the circle  **9.** Two segments created by two chords intersecting in a circle  **10.** Has a vertex on a circle and sides that contains cords of a circle  **11.** Point where a tangent line touches a circle  **12.** Arcs in a circle that have exactly one point in common  **13.** A segment of a secant line that has exactly one endpoint on the circle  **16.** When two circles have congruent radii  **17.** An irrational number =C/d  **19.** A portion of a circle defined by two endpoints  **22.** Segment of a tangent with one endpoint on the circle  **25.** When circles are coplanar and have the same center  **28.** A segment with endpoints on the circle |