



Across

- 4 A famous point inside a triangle.
- 8 Contains the center of gravity.
- 10 A construction tool.
- 11 The center of this triangle is the same as the center of gravity.
- 14 The mirror images of this point through the sides are on the circumcircle.
- 16 A theorem similar to Pappus' theorem.
- 17 Contained in a line.
- 18 A theorem about collinear points.

Down

- 1 Heron's theorem is a consequence of this.
- 2 A triangle with minimum perimeter.
- 3 A problem about tangent circles.
- 5 A type of vector.
- 6 A type of circle.
- 7 Contains the corners of a triangle.
- 9 Center of gravity.
- 10 Go through the same point.
- 12 A theorem about a quadrilateral with a circumcircle.
- 13 A line containing three important points.
- 15 A theorem about concurrent lines.