MAT 365 Fall 2002 Cross Name:

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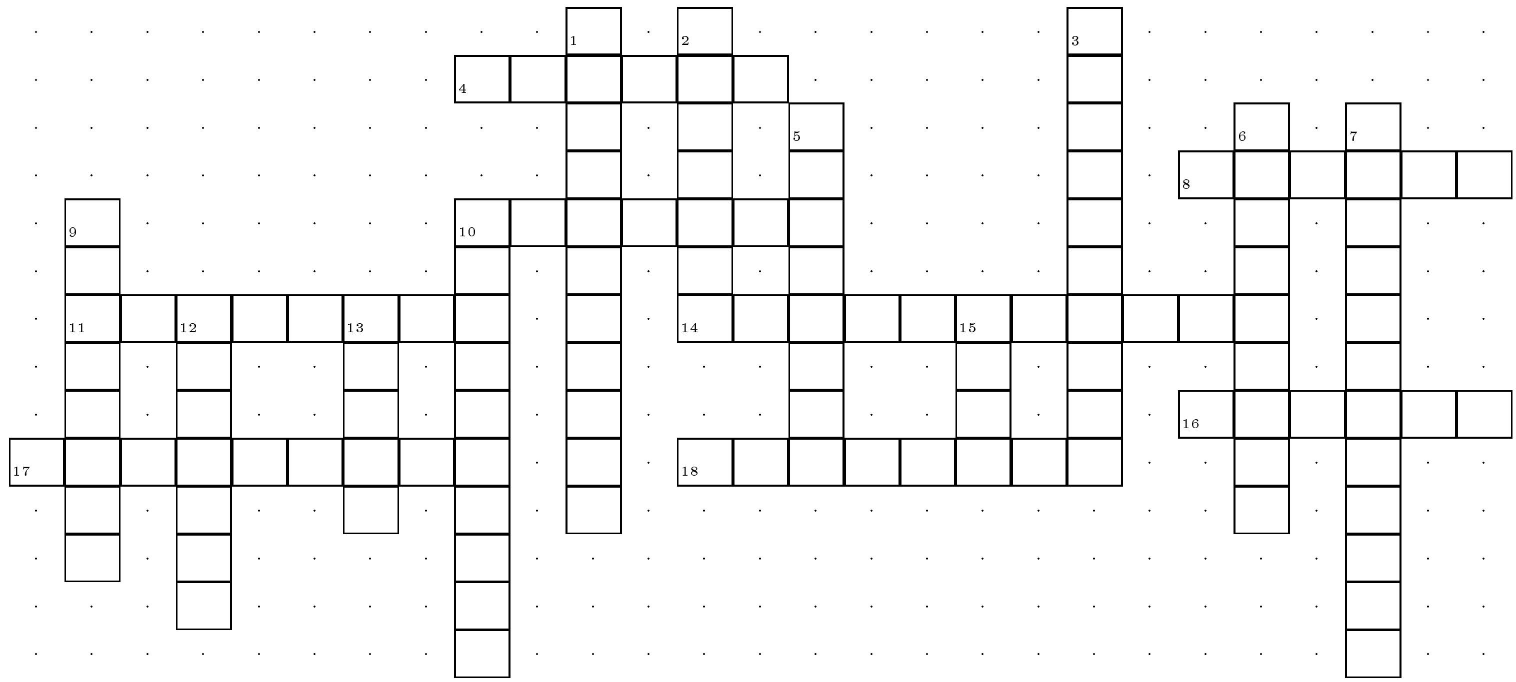
Hours: MWF 11:20 – 12:20 MW 1:40 – 2:40



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.