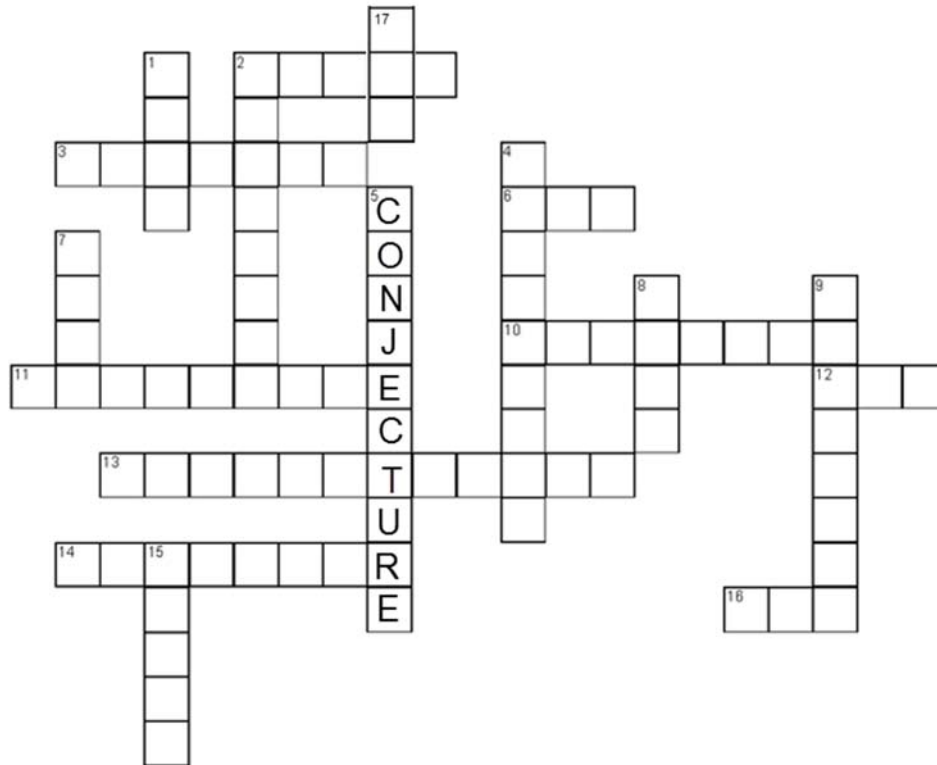


1. Complete the crossword Puzzle:



**ACROSS**

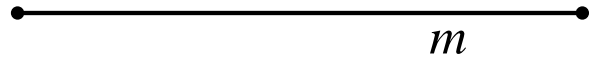
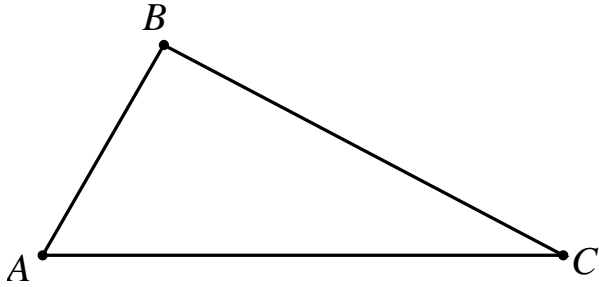
- 2 A flat, 2D surface
- 3 A fact that had to be proven true
- 6 The number of lines that can pass through 2 given points
- 10 The number of lines that can pass through 1 given point
- 11 A basic truth not needing proof
- 12 The number of planes that can pass through 3 non-collinear points
- 13 Same as a line (2 words)
- 14 Points or lines contained in the same plane
- 16 Stretches infinitely in one direction

**DOWN**

- 1 Non-coplanar lines that never intersect
- 2 Coplanar lines that never intersect
- 4 Points that lie along the same line
- 5 A guess based on observation
- 7 The number of lines that can pass through 3 non-collinear points.
- 8 The intersection of 2 planes
- 9 Best math class ever!
- 15 The intersection of 2 lines
- 17 The number of lines passing through a given point, parallel to a given line

2. Use a compass and straight edge for each construction:

a. Copy  $\angle A$  onto line  $m$ .



b. Bisect each angle in  $\triangle ABC$ .

