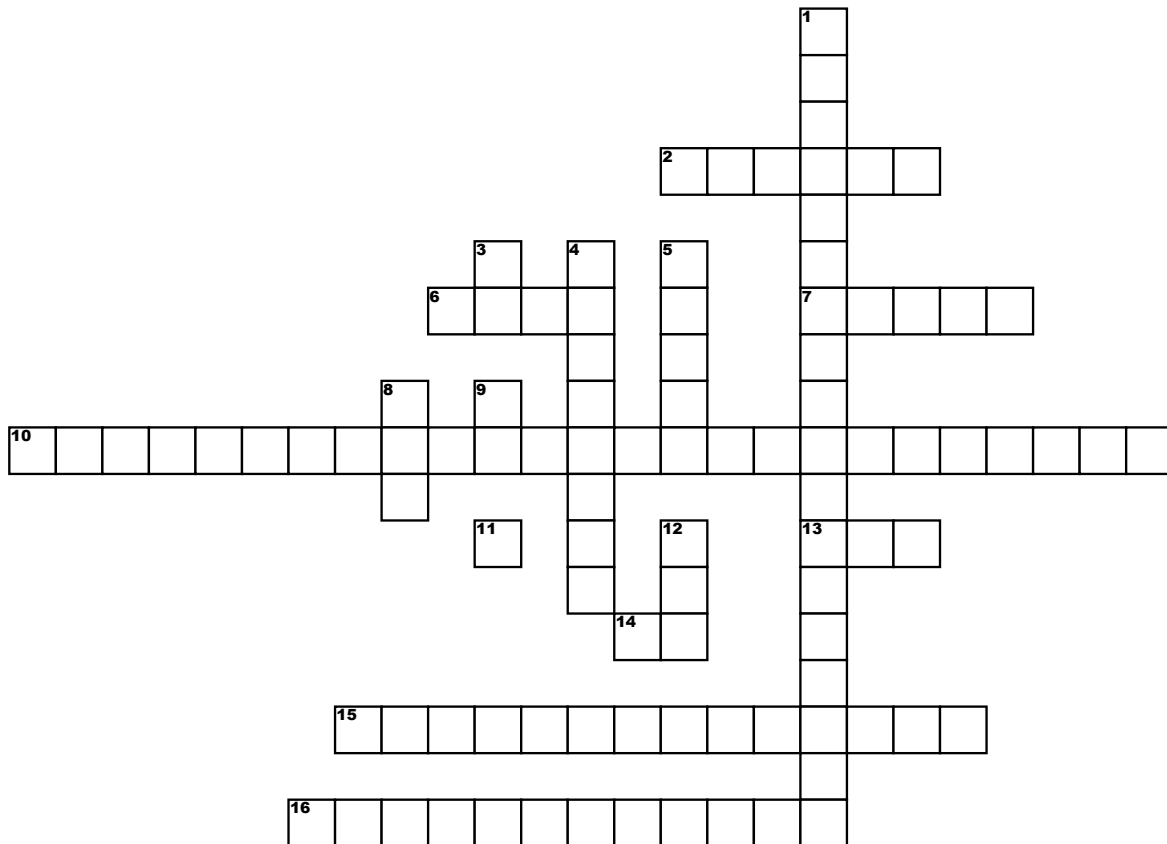


Name: _____

Math !



Across

- 2.** What shape has four lines of symmetry ?
- 6.** If the original coordinates or a plane were (x, y) and then it was translated to $(x, y-1)$ what way did it move
- 7.** The number of times a figure fits into itself in one complete rotation is called an:
- 10.** During rotational symmetry, the rotation can be either _____ or _____
- 13.** Can a figure have no line of symmetry or 0 lines of symmetry?

- 14.** How many sides does a decagon have?
- 15.** An operation that moves or changes a geometric figure in a way to produce a new figure
- 16.** A figure in the plane has _____ if the figure can be mapped into itself by a reflection in a line
- Down**
- 1.** A figure in a plane has _____ if the figure can be mapped onto itself by a rotation of 180 degrees or less about the center of the figure

- 3.** Does every figure rotational symmetry?
- 4.** How many lines of symmetry does a circle have?
- 5.** New figure as a result of a transformation is called an:
- 8.** Can a figure have more than one line of symmetry
- 9.** Does every figure have line symmetry?
- 11.** How many sides does a pentagon have?
- 12.** A rotation of _____ returns a figure to its original coordinates