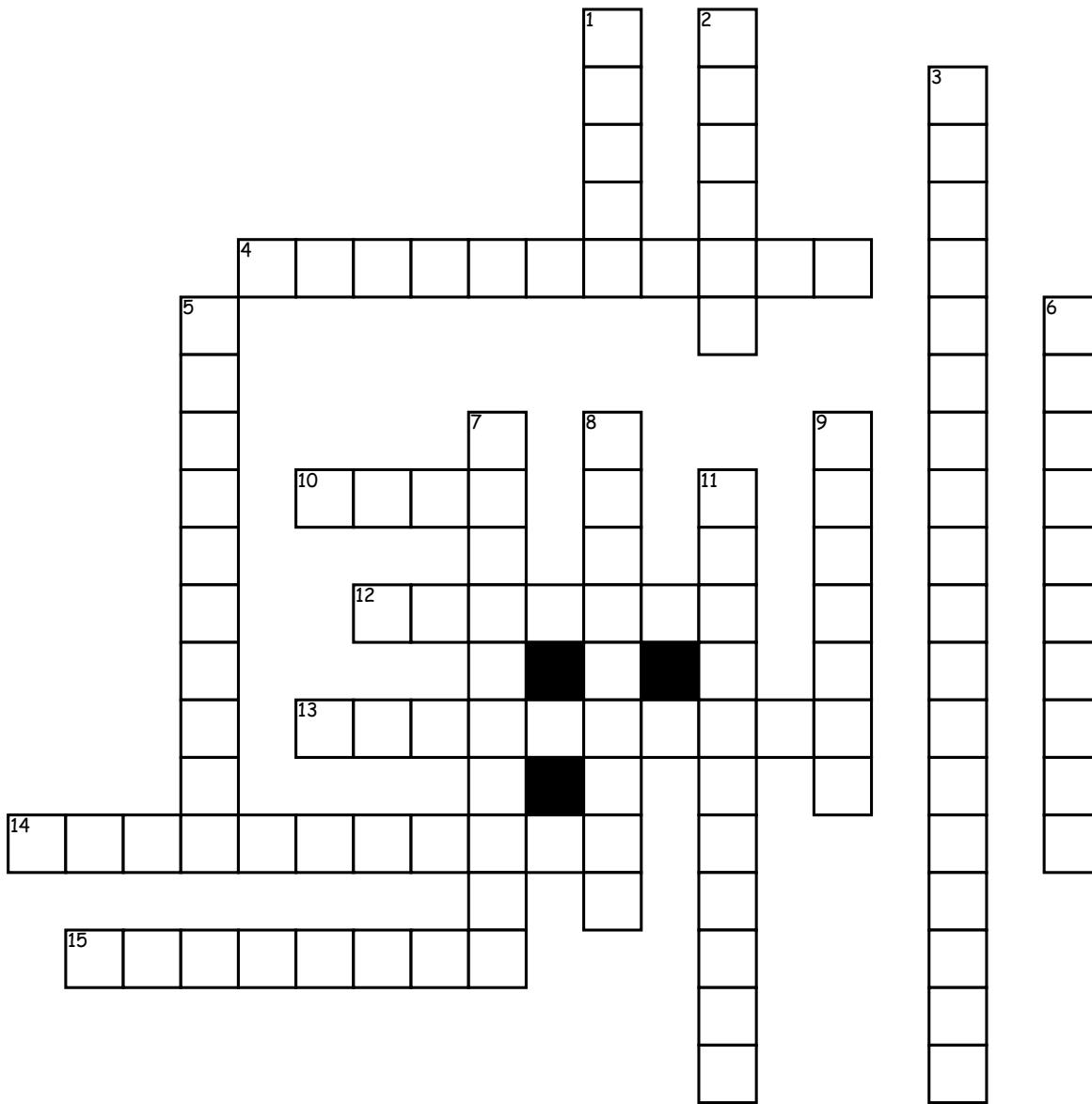


Name: _____

Date: _____

A Crossword Puzzle



Across

4. a transformation where an object maps to an image of the same shape but different size
10. a straight one-dimensional figure having no thickness and extending infinitely in both directions
12. any 2-dimensional shape formed with straight lines
13. The part of a conditional statement after then
14. describe a function that moves an object a certain distance

15. the action of rotating around an axis or center

Down

1. formed by two lines or rays diverging from a common point (the vertex)
2. all its edges "point outwards"
3. the angles which occupy the same relative position at each intersection where a straight line crosses two others
5. a name we give to a statement that two ratios are equal
6. an unproven statement which is supported by all the available data and by many weaker results
7. type of rigid transformation in which the preimage is flipped across a line
8. The same shape and size, but we are allowed to flip, slide or turn
9. a part of a line that is bounded by two distinct end points, and contains every point on the line between its endpoints
11. symbolized by $p \rightarrow q$, is an if-then statement in which p is a hypothesis and q is a conclusion