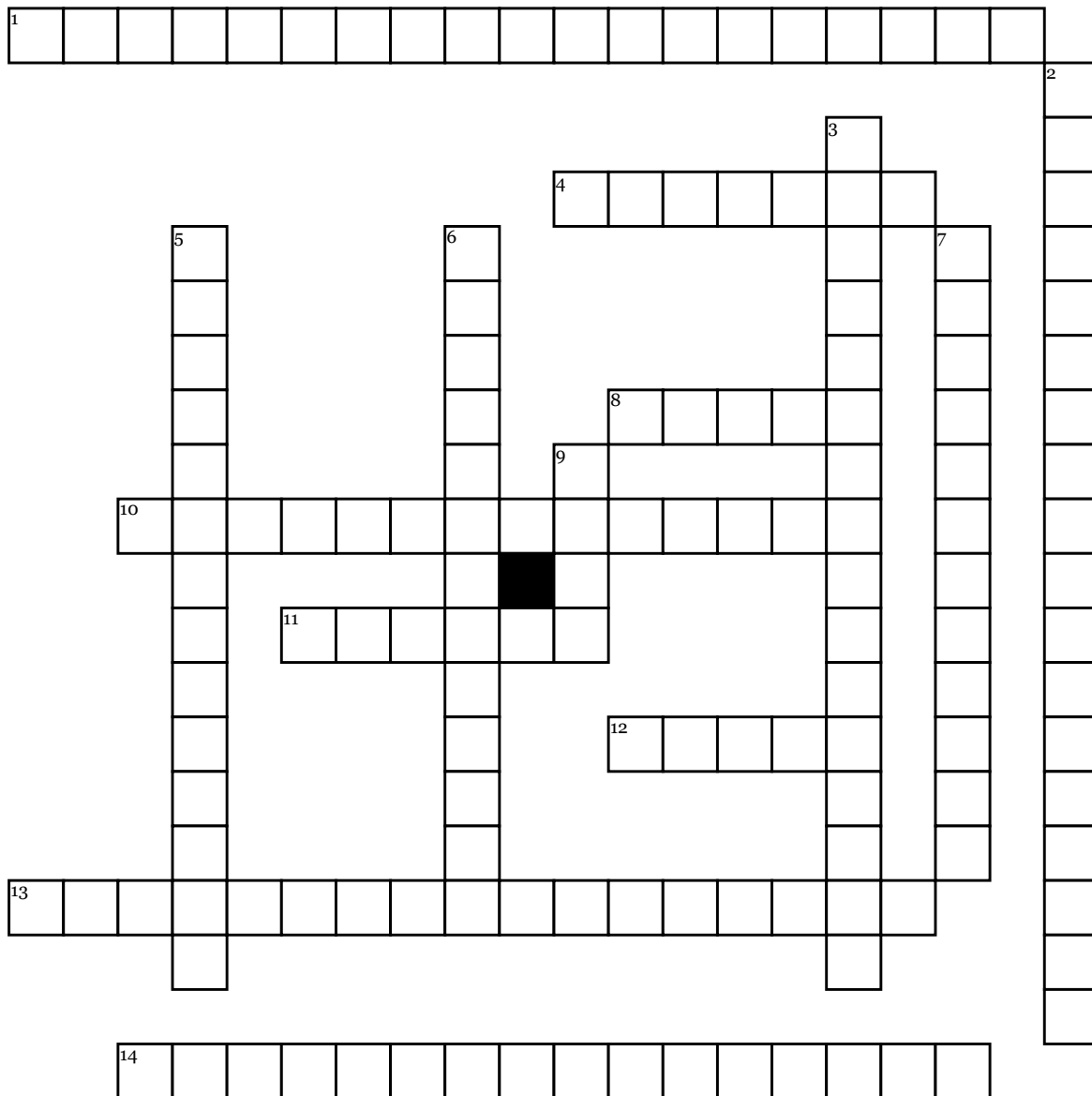


Name: _____

unit 2 :right triangle trigonometry



Across

- 1.** two angle whose measures have a sum of 90 degrees
4. in a right triangle, the ratio of the opposite side of an acute angle to the adjacent side of the acute angle
8. a comparison of two quantities by division
10. the hypotenuse measure is twice the short leg measure, and the long leg measure is the short leg measure times the square root of 3

11. in a right triangle, the ratio of the adjacent side of an acute to the hypotenuse

12. the symbol that is commonly used as a variable for an angle

13. the angle formed by a horizontal line and a line of sight to a point below

14. the triangles are the same shape but not necessarily the same size

Down

2. in a right triangle with legs A and B and hypotenuse C, $a^2 + b^2 = c^2$

3. the angle formed by horizontal line and a line of sight to a point above

5. the two legs have the same measure and the hypotenuse measure is the length of a leg times the square root of 2

6. a triangle with one 90 degree angle

7. triangle measurements

9. in a right triangle, the ratio of the opposite side of an acute angle to the hypotenuse