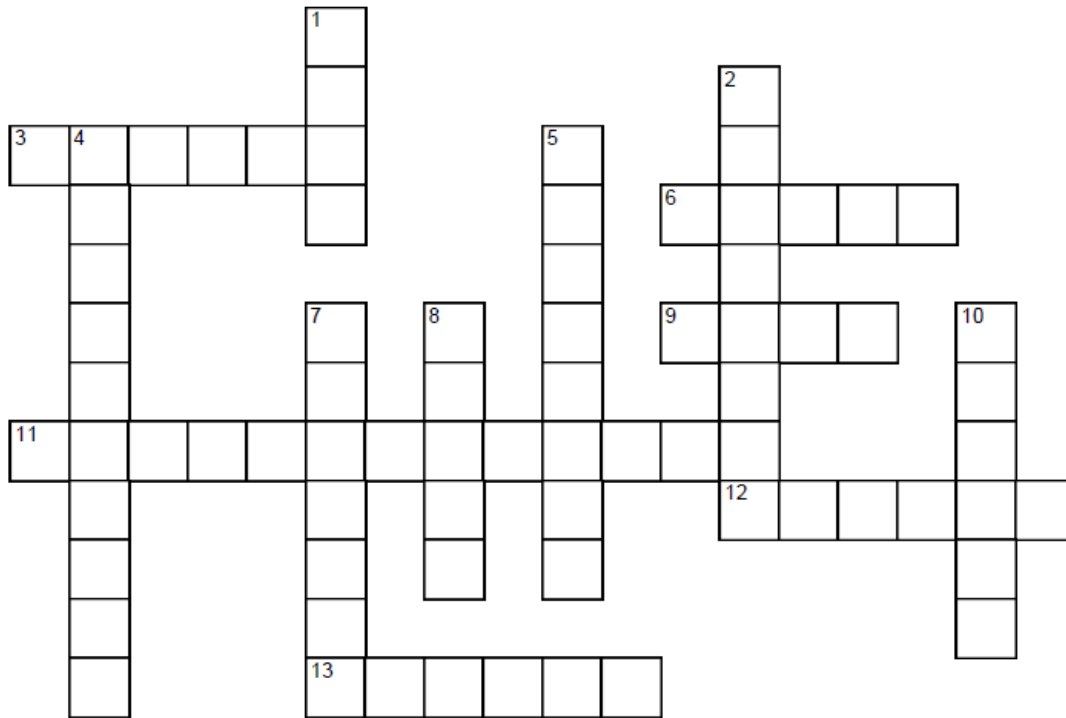




Anagrams – unscramble the following letters to make words related to pi (or pie).

lapep          anaban          rubblerye          hercry          cacheloot  
 sadcurt          chrenf kils          eyemilk          elmno          cheap  
 apetun          rutbet          capen          minkpup          barerspry



Crossword – complete the crossword puzzle using the following clues.

**ACROSS**

- 3 all points in a plane that are a set distance from a given point
- 6 the month when Pi Day is celebrated
- 9 this number doesn't appear in the first 31 digits of pi
- 11 pi times the diameter of a circle
- 12 the length of a segment from the center of a circle to its perimeter
- 13 the set of all points in space that are a set distance from a given point

**DOWN**

- 1 pi times the radius squared of a circle
- 2 a segment passing through the center of a circle whose endpoints are on that circle
- 4 pi is an \_\_\_\_\_ number because it's digits go on forever without repeating
- 5 the scientist who was born on Pi Day in 1879
- 7 an instrument used to draw circles
- 8 pi is the sixteenth letter in the \_\_\_\_\_ alphabet
- 10  $\frac{4}{3}$  times pi times the radius cubed equals the \_\_\_\_\_ of a sphere