Name: _________________________

Trig Or Treat !!!

国庆 Review! Write, in the space below, a few notes on how to find the cosine, sine, and tangent using adjacent, opposite, and hypotenuse sides of a triangle.

国庆 Have Fun! When you look at the bulletin board, there are 4 different numbered sections. Starting with number 1, take the numbered pieces out of the envelope labeled “1” and decide where some of them need to be placed in that section. (Hint: There will be some pieces left over, please place them back into the correct envelope.) There is a question relating to each section, numbered in the same fashion, below these instructions. Please complete the questions after you complete the bulletin board and then answer the bonus question. Please put all pieces back in their appropriate envelopes when you are finished with the board AND the worksheet. Please hand in your worksheet when you finish to be eligible for the extra credit. Enjoy!

1. What is $\cos \theta$ equal to in Section 1?
   A. $\frac{3}{1}$  
   B. $\frac{3}{4}$  
   C. $\frac{4}{1}$  
   D. 1

2. What is $\tan \theta$ equal to in Section 2?
   O. $\frac{2}{5}$  
   P. $\frac{5}{2}$  
   Q. $\frac{1}{4}$  
   R. $\frac{8}{5}$

3. What unit circle value is associated with $\theta$ in Section 3?
   Q. $\frac{\pi}{6}$  
   S. $2\pi$  
   R. $\pi$  
   T. $\frac{\pi}{6}$

4. What unit circle value is associated with $\theta$ in Section 4?
   F. $\frac{\pi}{6}$  
   G. $2\pi$  
   H. $\pi$  
   I. $\frac{\pi}{6}$

BONUS QUESTION: (Fill in the letter of the correct answer from questions 1-4)
Which do Trig students like best; Trig or treats?

1  2  3  4