

Challenge Problem of the Week

October 11, 2011



You must cut a birthday cake into exactly eight pieces, but you're only allowed to make three straight cuts, and you can't move pieces of the cake as you cut. How can you do it?

(Hint: think about slicing the cake horizontally as well as vertically.)

In your journal, using complete sentences:

- Write down your solution and explain your thinking.
- How did you use the hint to help you?