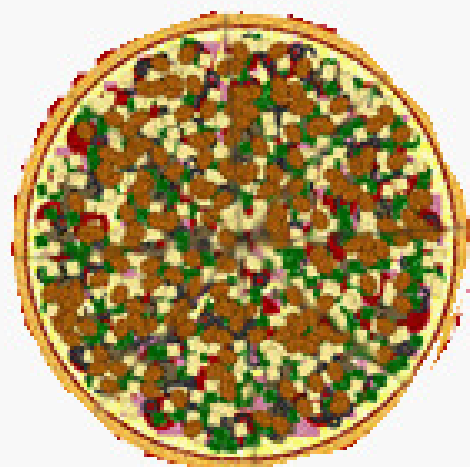


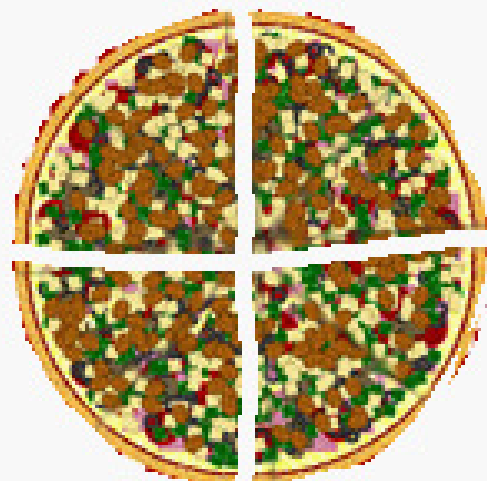
Can a Circular pizza be divided into eight equal portions with exactly 3 straight line cuts?

Now we can do one of three things:

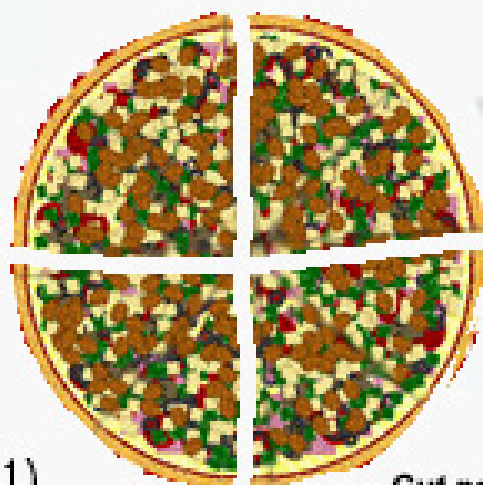
- (1) We could cut the pizza parallel to its resting plane, producing two "layers," and 8 slices
- (2) We could "fold" the pizza so that all of the quarter pieces rest in a stack, and cut through the middle
- (3) We could align the points at the middle of the circumferential arcs and slice into 8 pieces



Here's the Pizza.



That's two cuts so far...



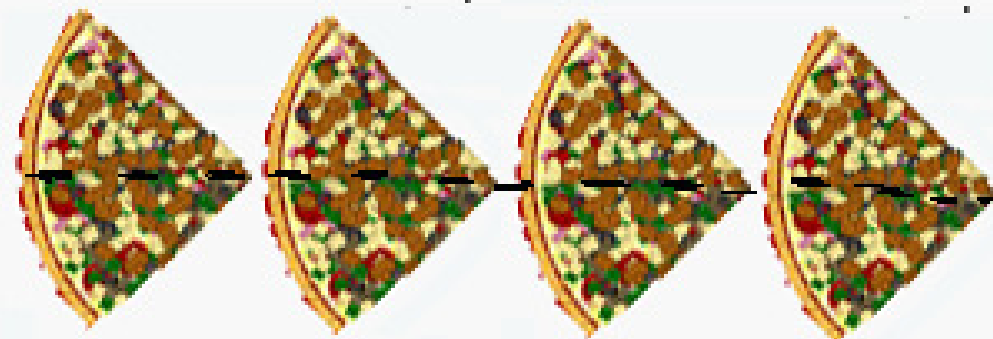
(1)

*Cut parallel
to the pizza plane*



*With the quarter pieces
stacked, cut through
the middle*

(2)



(3)

*Lined up with
the circumferential arcs,
we slice!!*