

# Let Them Eat Cake

Number of People	Approximate Time	Items Required
Groups of 4-8 people	10-15 minutes	Paper for each team Pencils for each team

This exercise allows individuals to be creative and work together as team to solve a cake cutting problem.

Beforehand draw a picture of cake.

Tell participants the objective of this exercise is to produce eight pieces of cake with only three cuts of the knife.

Possible solutions include:

- Cut the cake in half so you have 2 cakes. Then put them on top of one another and make 2 more cuts, so you have 8 pieces.
- Cut a curved line through the cake so that there are three curves. The cut another curved line that intersects in the middle of the first curved line. Then cut the cake in half.
- Cut a circle in the center of the cake so you have 2 cakes, now cut it into fourths and then into eighths.

**VARIATION:** If you have 8 people you can use a real cake.