



Slice by Slice (Part 1)

Costco offers a 12-inch pumpkin pie for \$5.99.

Find the angle made at the tip of a slice of pie that would be worth \$1.25. How much would that slice weigh?



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Slice by Slice (Part 2)

At a Thanksgiving gathering, two apple pies are served. One pie has a 12-inch diameter, and one pie has a 9-inch diameter. The larger pie is cut into 10 slices. If you want to cut a slice from the smaller pie so that it has the same area as one slice from the larger pie, what should the central angle of the slice be?



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