Create a cone-shaped container and a cylinder-shaped container

First Grade	Class	No.	Name:

[Question] When somebody wants to buy some beads at a shop, there are two containers, A and B, and a written notice, "One cup from container A is 300 yen, and one cup from container B is 150 yen." The shape of container A is a cylinder whose radius of the base surface is 6cm and whose height is 8cm, while the shape of container B is a cone whose radius of the base surface is 6cm and whose height is 8cm. If somebody wants to buy some beads worth 600 yen, which container would be the most economical?
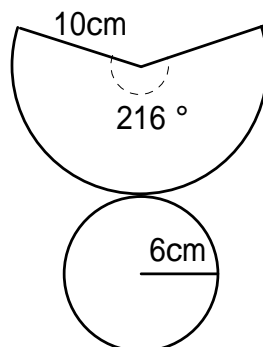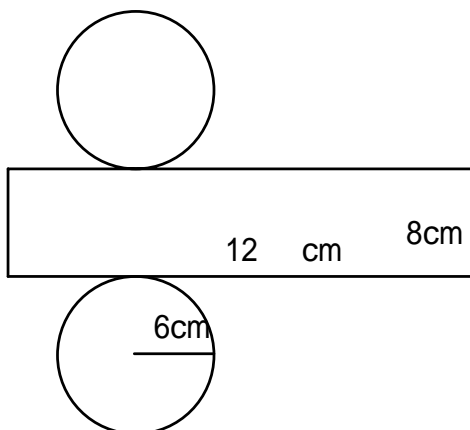
By referring to the measurements of these figures, draw the developments on thick paper, and actually create and measure them.

10cm

216°

6cm

12 cm   8cm

6cm