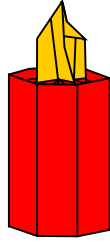


Candle

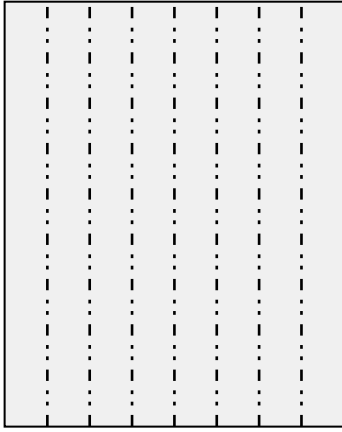


Model & Diagrams

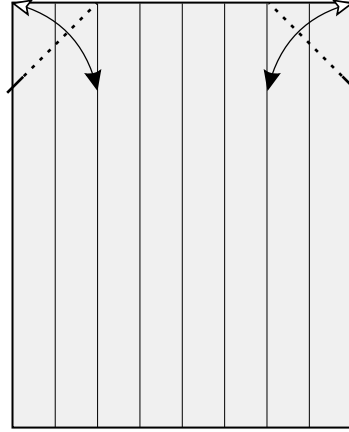
Jens Kober, 2011

(inspired by David Petty's Cactus)

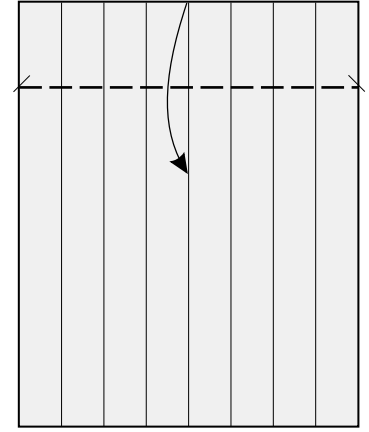
Use a 12x15cm paper for a 8cm high candle.



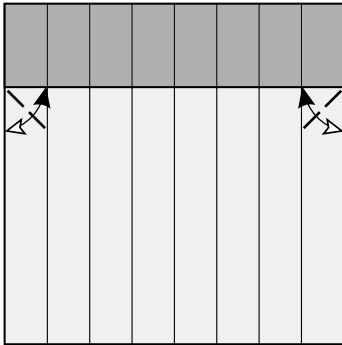
1. Start with the color of the flame down. The diagram uses a 4 by 5 rectangle, but other ratios will work as well. Fold vertically into 8th.



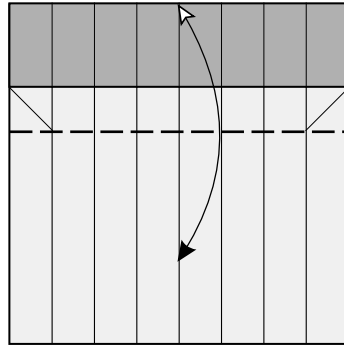
2. Add a pinch mark two units down on each side.



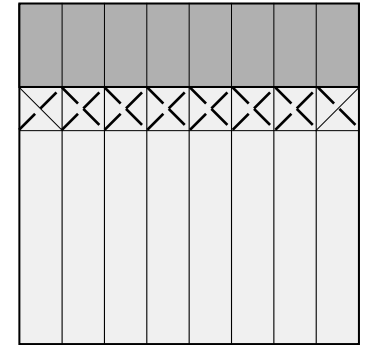
3. Fold the top down using the pinch marks as references.



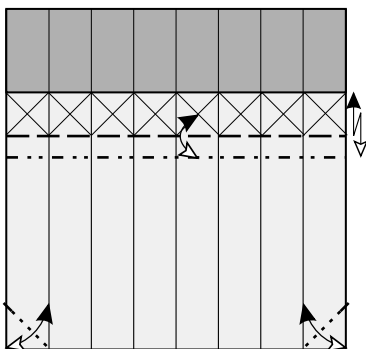
4. Fold and unfold two diagonals.



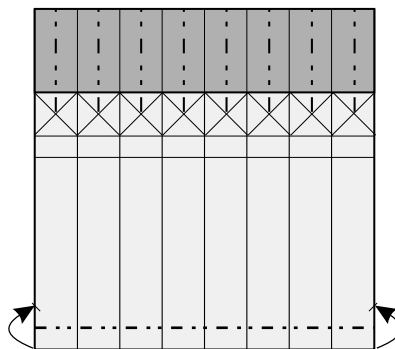
5. Fold and unfold using the previous creases a references.



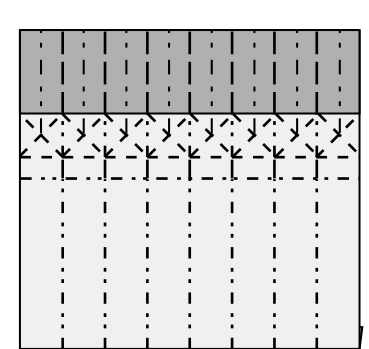
6. Add some more diagonal valley folds.



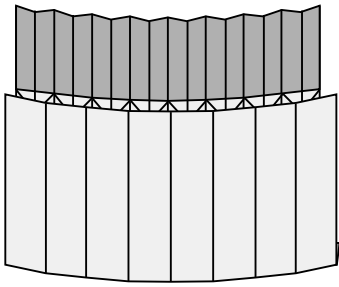
7. Pleat and unfold using the intersections of the creases as references. Pinch mark one unit at the bottom.



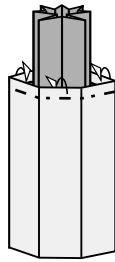
8. Fold the bottom behind (.5 units) and add mountain folds on top.



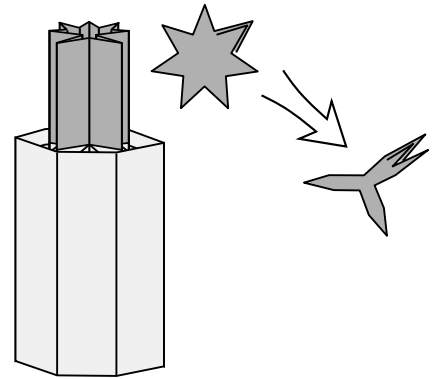
9. Collapse as indicated (redo the pleat from step 7 first). The model will not lay flat.



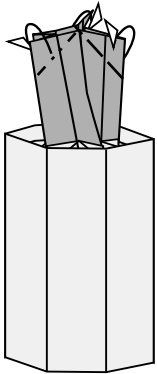
10. Slide one end into the other to form a seven sided object.



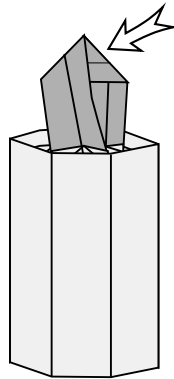
11. Mountain fold the rim of the candle in half. Enlarged view.



12. Rearrange the top of the flame as indicated.



13. Fold the corners of the flame down in a circular fashion.



14. Push in at the tip of the flame and bend it to one side.

