

## Titan IIID



Titan IIID-18 (D-18) - June 14, 1978

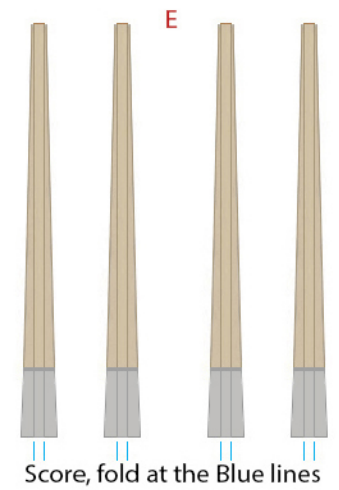
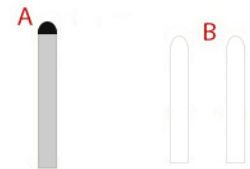
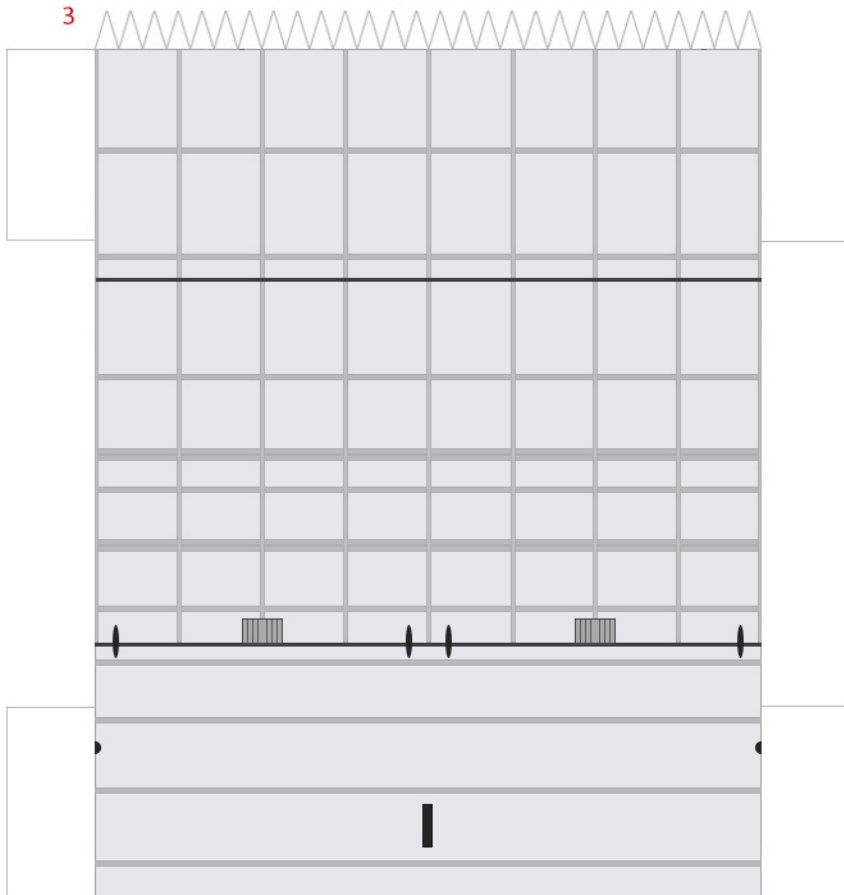
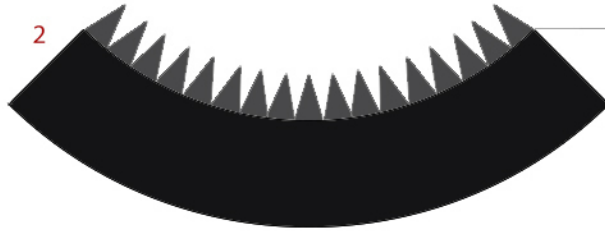
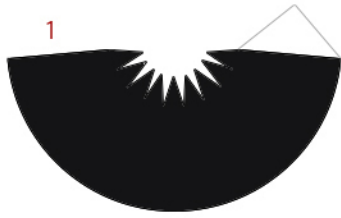
The Titan IIID or Titan 3D was an American expendable launch system, part of the Titan rocket family. Titan IIID was flown 22 times with KH-9 and KH-11 satellites between 1971 and 1982, all successful launches. Essentially a Titan IIIC with the Transtage removed, it was designed for heavy LEO payloads.

The rocket had two UA1205 solid fuel boosters, the first stage was equipped with two LR-87-AJ11 engines and the second stage had a single LR-91-AJ11 engine.

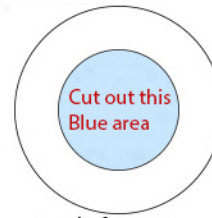
The Titan IIID first flew on 15 June 1971, launching the first KH-9 satellite. It was retired from service in 1982, and replaced by the updated Titan 34D. All launches occurred from Space Launch Complex 4E at Vandenberg Air Force Base.



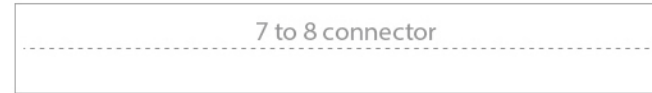
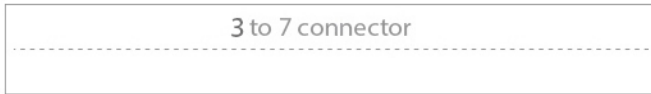
# Titan IIID



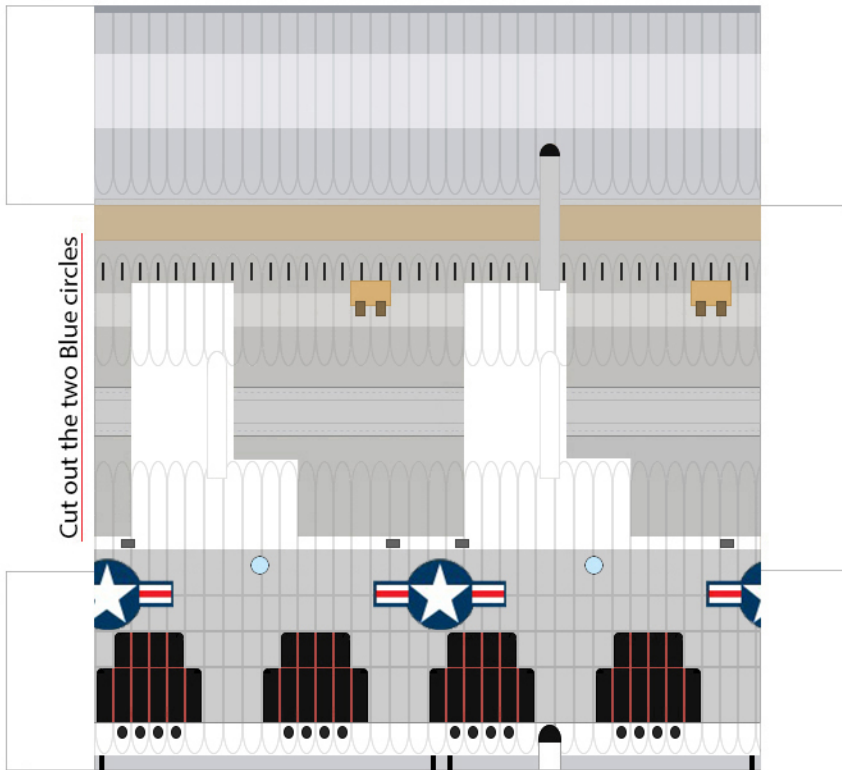
# Titan IIID



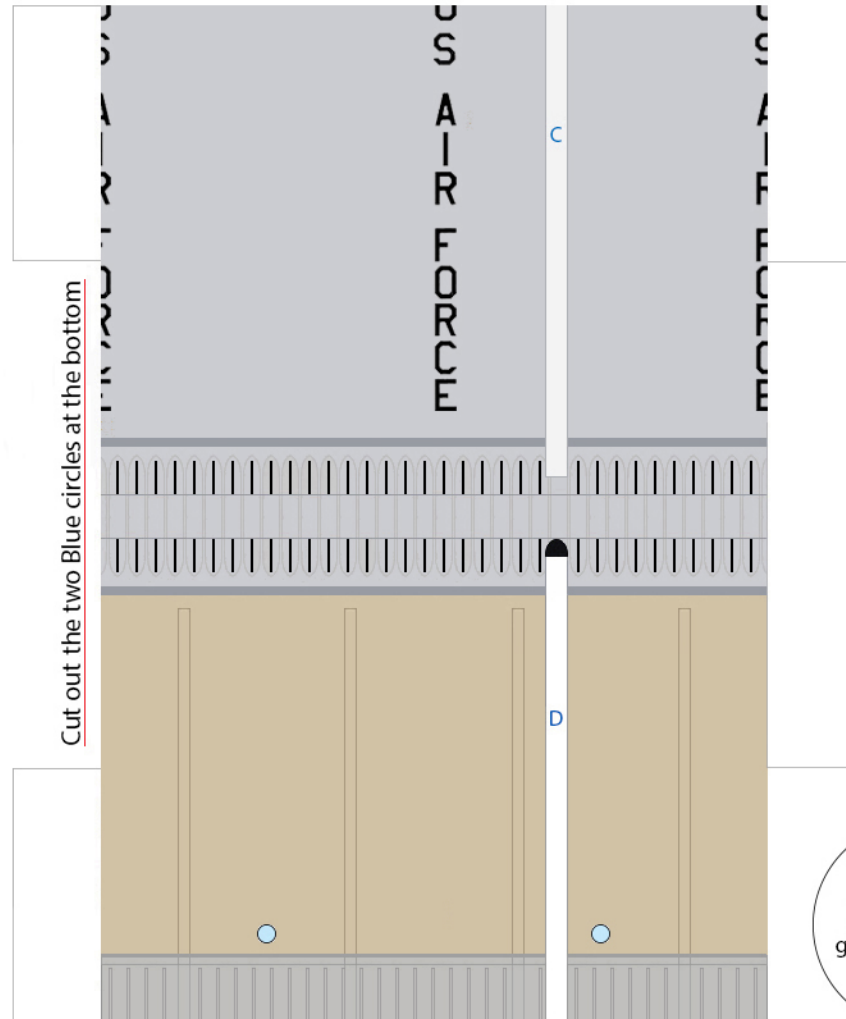
Inside former  
glue to cardstock



7

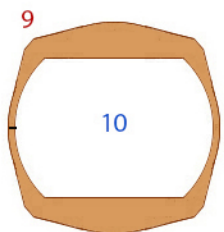


8

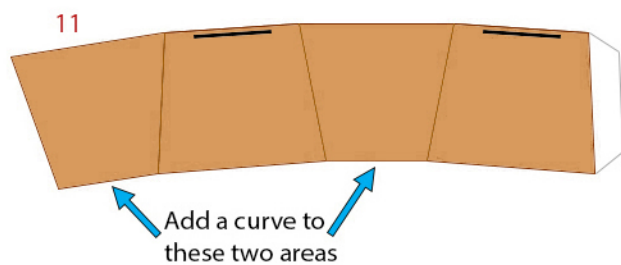


# Titan IIID

Cut two (2) tooth pics the same length as the line above for the booster support rods



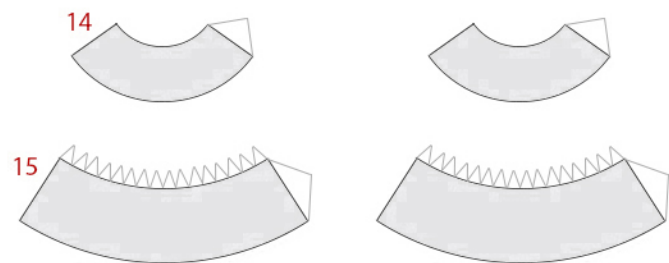
10  
Former  
glue to  
cardstock



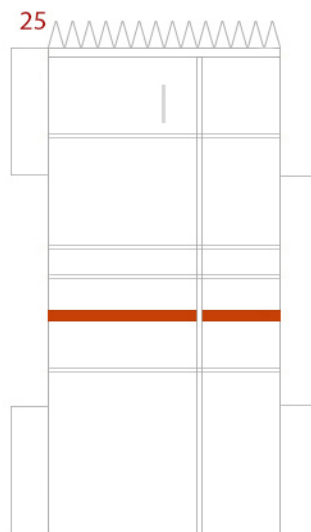
12  
Inside former  
glue to cardstock



13a



Color back Dark Red

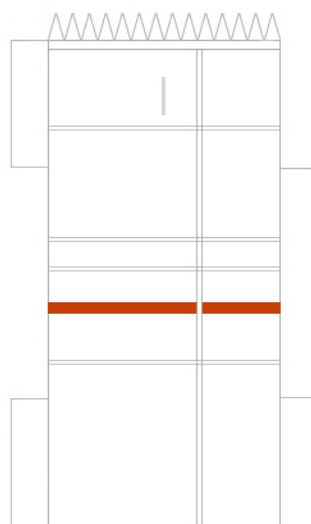


HC

Glue to  
cardstock



HD



Glue to  
cardstock



31

30

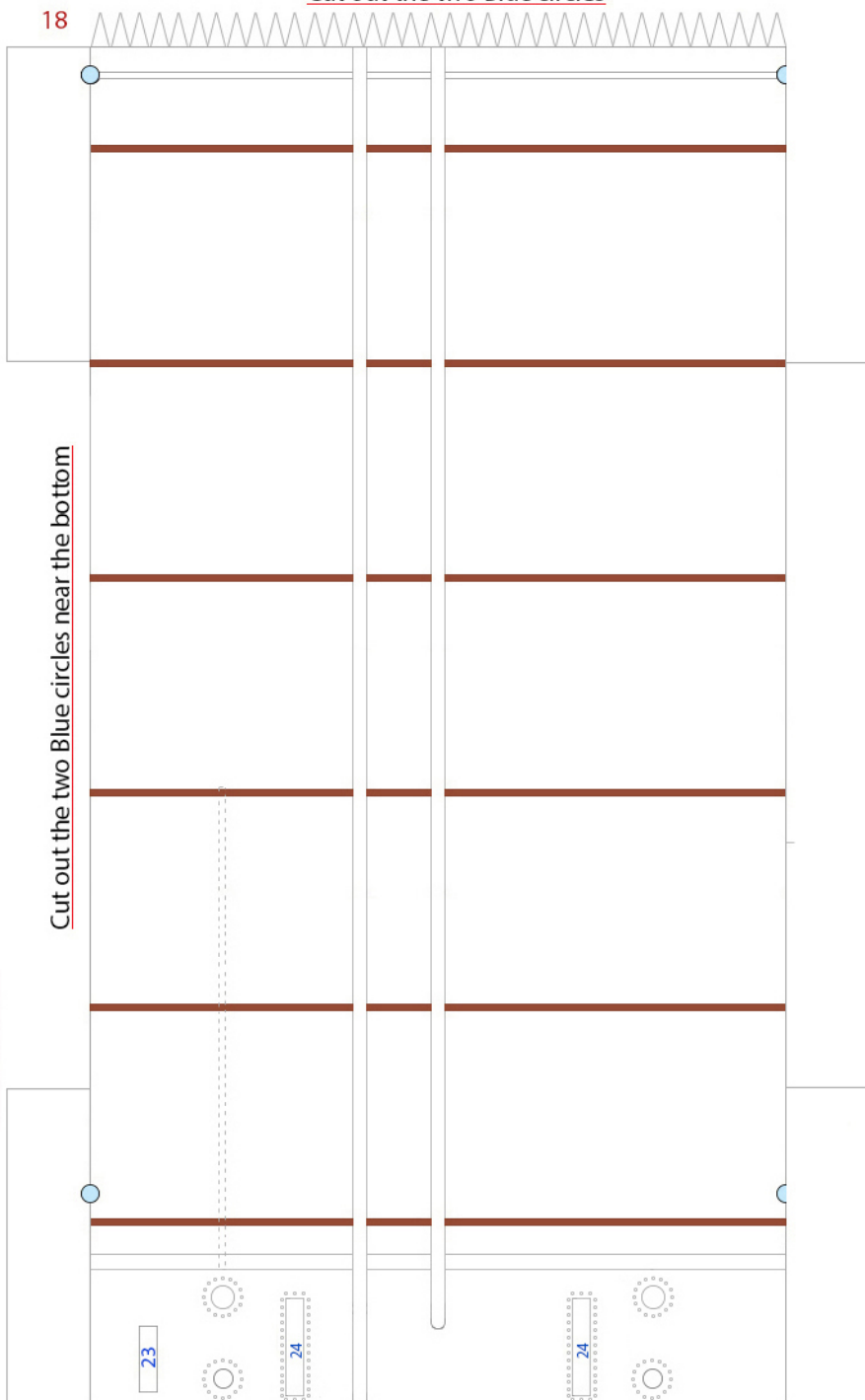


# Titan IIID

Cut out the two Blue circles

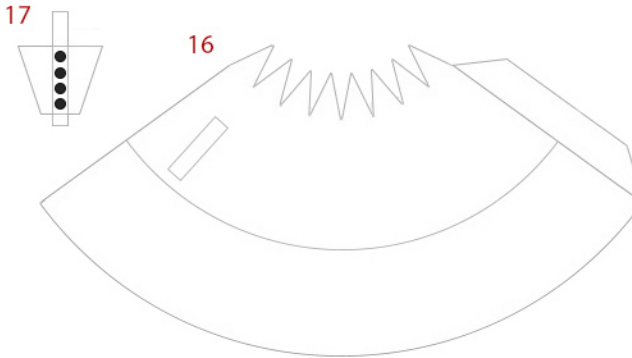
18

Cut out the two Blue circles near the bottom



17

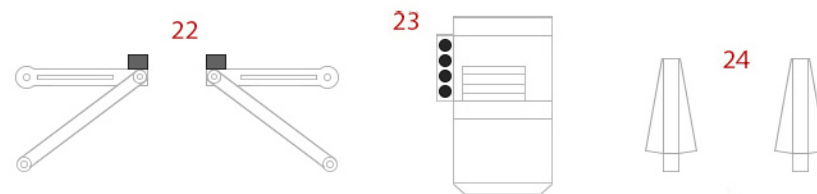
16



22

23

24



21



20

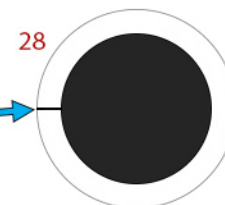
27 - 28

Bottom inside former  
Glue to cardstock

27



Match seems on  
27 and 29 to this  
black marker

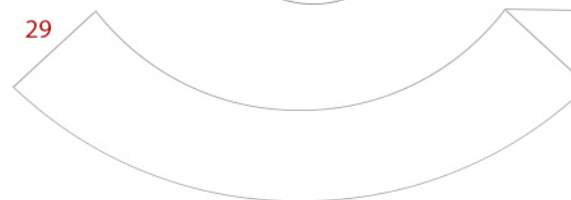


Bottom former  
Glue to cardstock

32



29



33



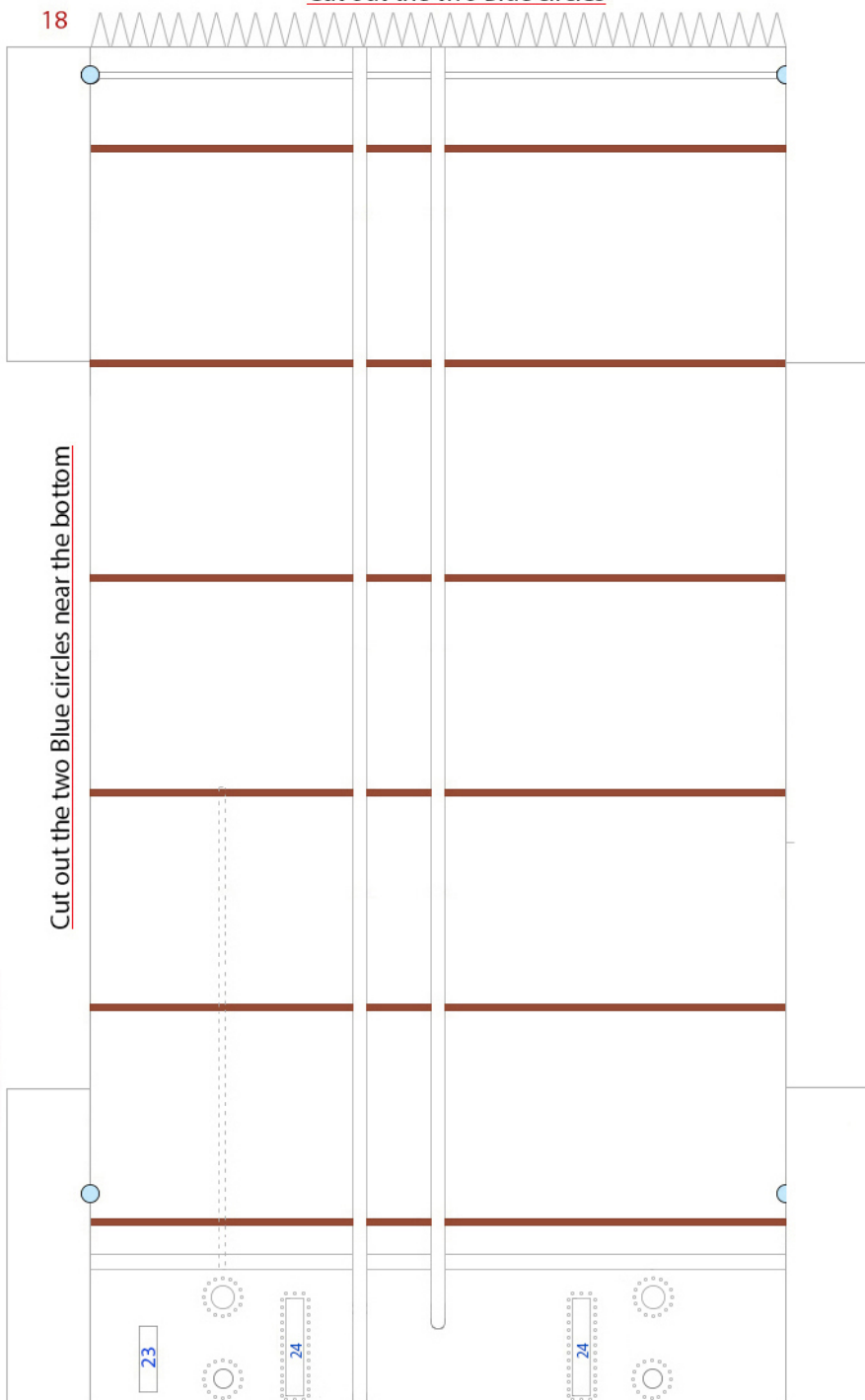
Color back Black

# Titan IIID

Cut out the two Blue circles

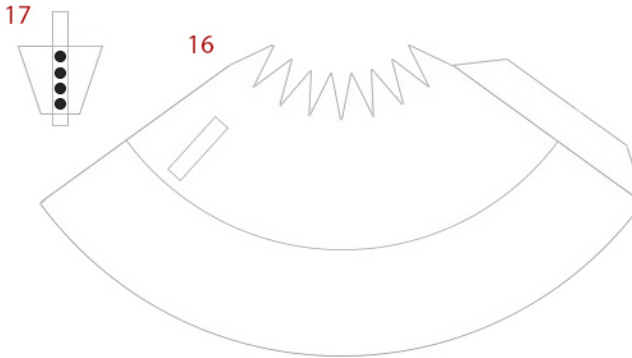
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17

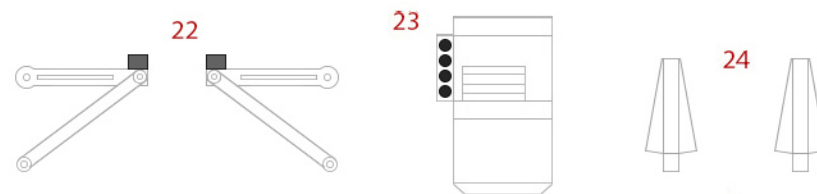
16



22

23

24



21



20

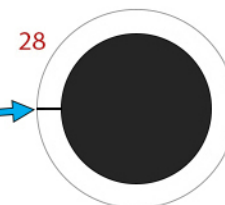
27 - 28

Bottom inside former  
Glue to cardstock

27



Match seems on  
27 and 29 to this  
black marker

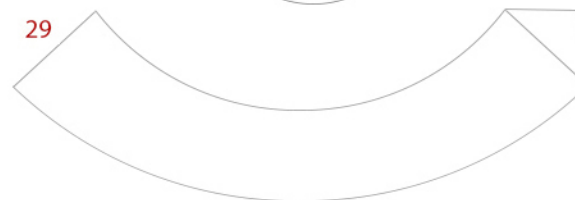


Bottom former  
Glue to cardstock

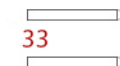
32



29



33



Color back Black