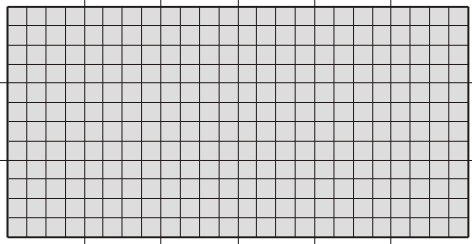
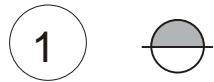
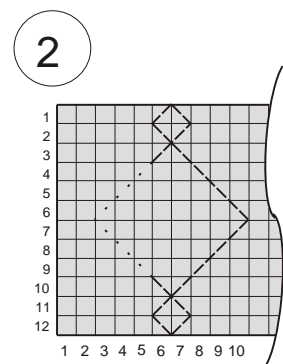
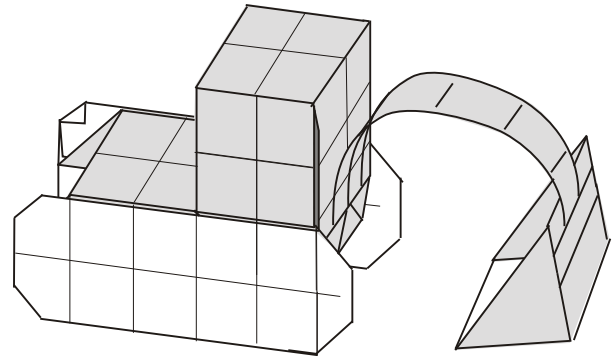


# Excavator

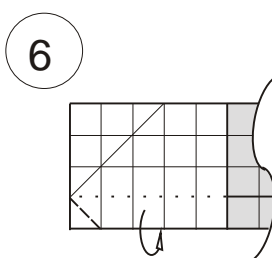
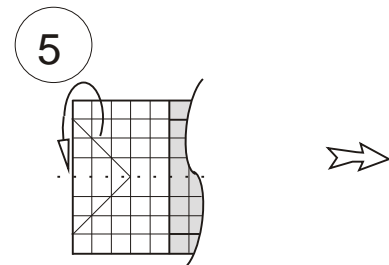
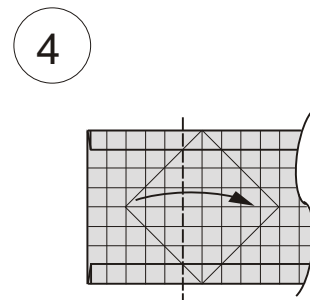
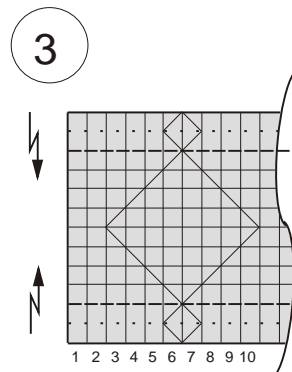
Start with a 2x1 rectangle  
Body color up



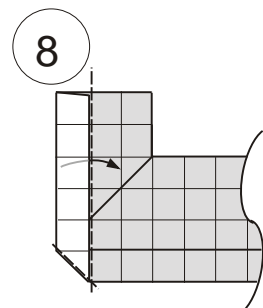
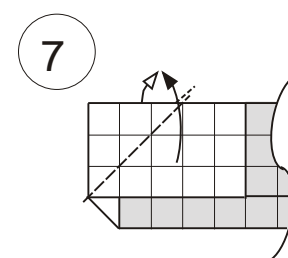
Crease each half into thirds. Crease each square into fourths, to make a 24x12 grid.



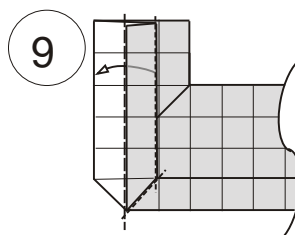
Crease as shown



Mountain fold edge behind.  
The left corner will be an  
Inside reverse fold.  
Repeat behind.

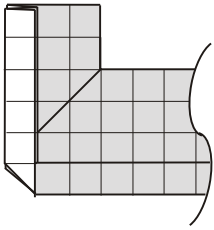


Unfold the hidden  
layer out to the right.



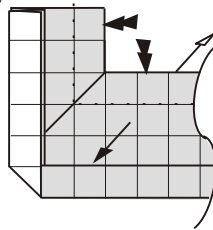
Inside reverse fold  
the flap back to the left.

10



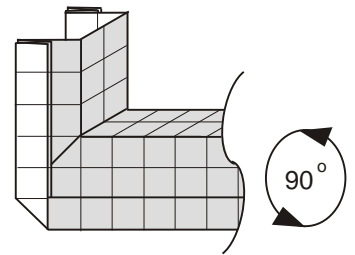
Repeat steps 8 -9  
behind

11

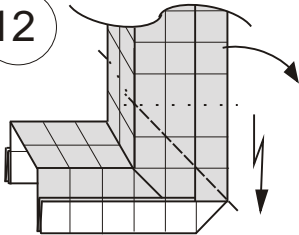


Make 3-D. Push on the  
center squares until they  
are 90 degrees to the rest  
of the paper.

Like this...

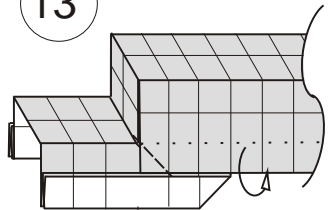


12



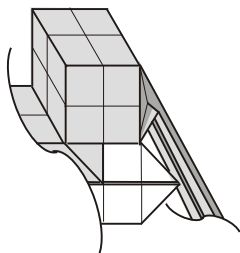
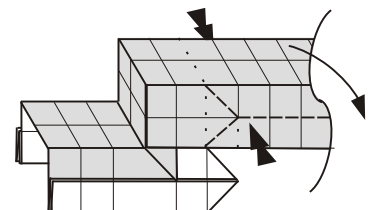
Swing the top down  
90 degrees while pleating  
the sides.

13



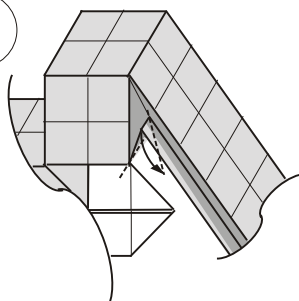
Repeat behind

14



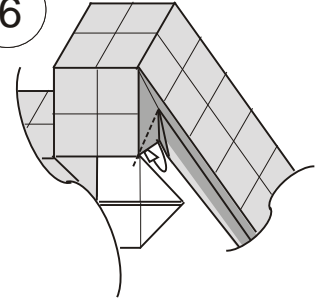
The perspective is all wrong  
for the next bit, let's just lean  
to our right a bit.

15

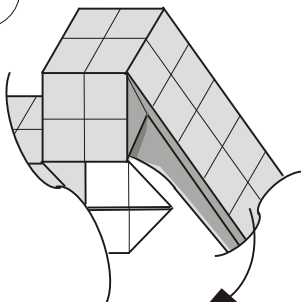


Inside reverse fold the flap  
down.

16

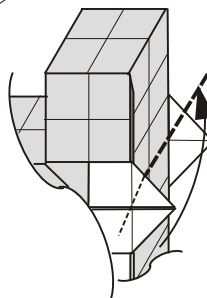


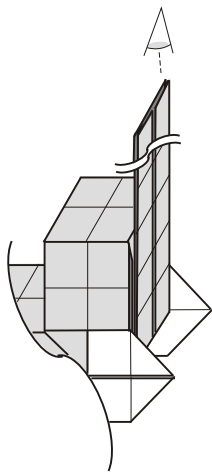
17



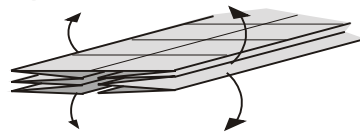
Now finish swinging it all the  
way down.

18



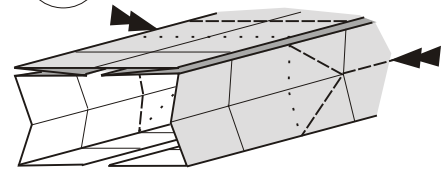


19

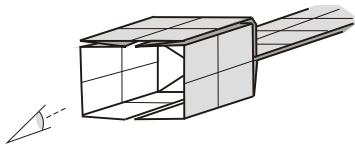


Open the lower pleat

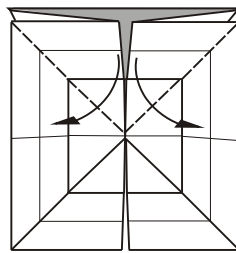
20



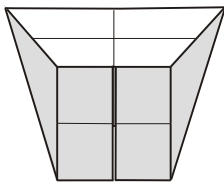
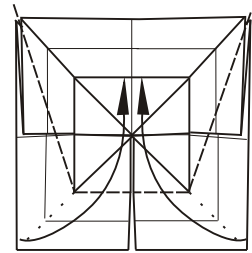
Collapse the pleat, leaving the end open, forming a box



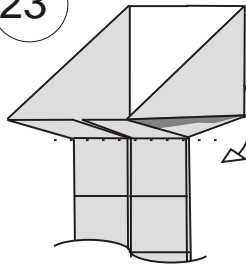
21



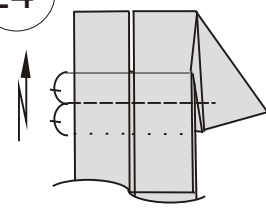
22



23

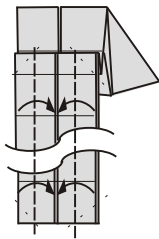


24



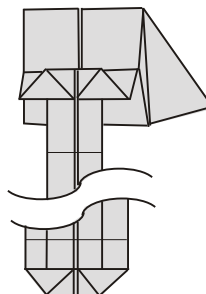
Pleat

25

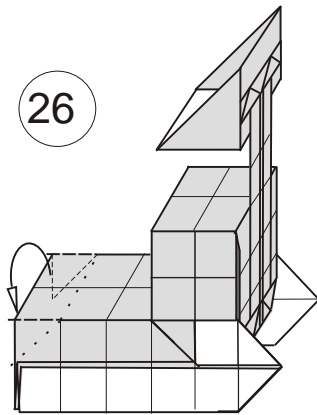


Fold the edges to the middle, squash folding the corners

Like this...

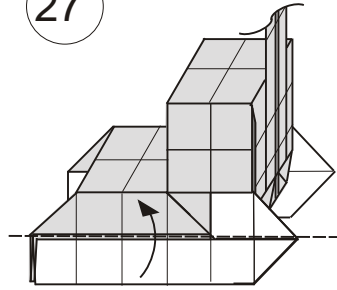


26



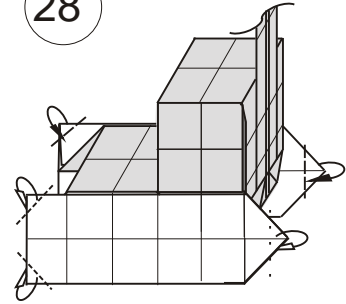
Fold down the  
back 90 degrees

27



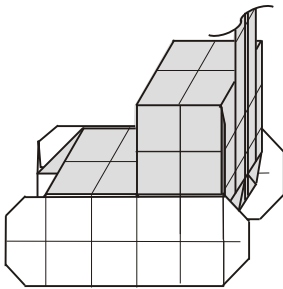
Fold one flap up.  
Repeat behind.

28



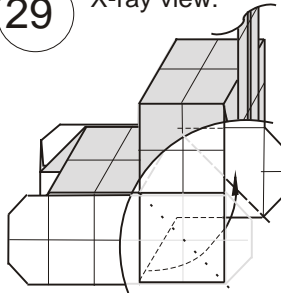
Round out the treads.  
Repeat behind.

Like this...



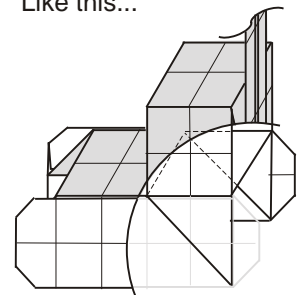
29

X-ray view:

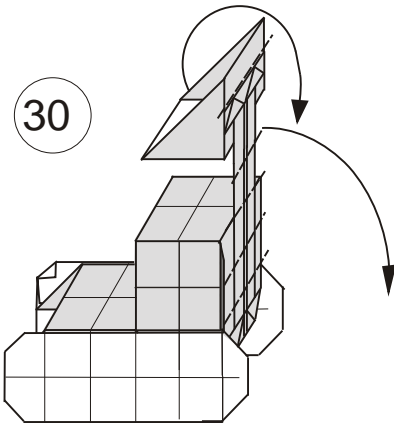


Swing the hidden flap up.  
This will help the cab hold  
shape.

Like this...



30



Finish the model by curving the arm  
around and down. The model may  
overbalance if the scoop is off the ground.

