

Building the Egyptian Tower

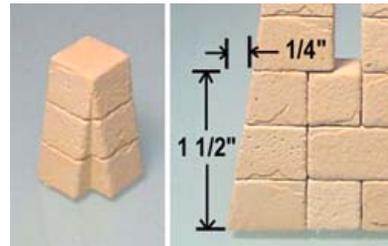
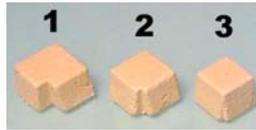


How to use Mold #93

The first blocks to identify are the **corner blocks**. These are used to join the sloping walls together at an angle.

1. Stack the **3 blocks shown** to make a full corner piece.

When the corner blocks are used in a wall section, the walls will **slope in 1/4"** for every **1.5" in height**.

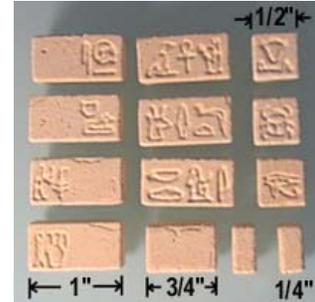


The **angled wall blocks** that go against these corners form the sloping walls of the tower. The **first photo** shows how the edge of these blocks matches the slope of the corners.



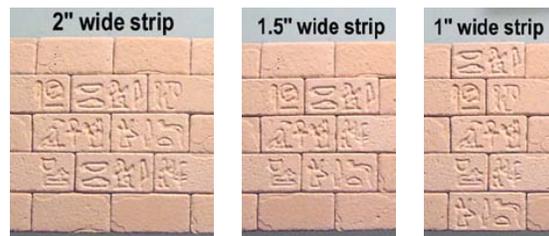
2. On **one side** of the sloped wall blocks, I've engraved some hieroglyphic symbols. That way you can **rotate the block** if you want the symbols to show. The photo shows the different lengths of the **angled wall blocks**.

The 3/4" and 1/4" wall blocks do not have any symbols on them.



You'll notice that some of these blocks only have symbols on **half of the block**. I've done this so that you can make the hieroglyphs in **straight vertical rows** down the side of a wall.

3. The disadvantage is that the **back side** of these wall sections would have random symbols in odd places. However, since the **walls slope in**, you don't really notice it on the inside of the wall. Also, many times the back side of the wall is encased inside a tower so you never see it.



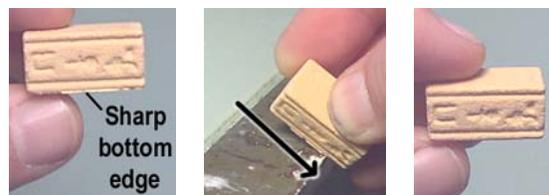
I've also added some **regular blocks** to this mold. These blocks **do not have the angle** to them, so they can be used for straight square doorways and windows.

4. These photos show the **front and back sides** of the blocks (except for the small square block at the bottom, which has the design on 2 adjacent sides).



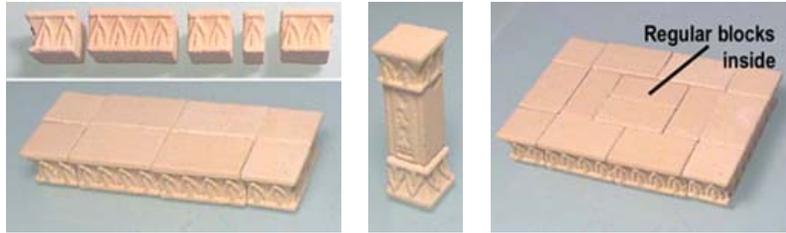
Because of the sand-blasted texture, the scraped side of the block **may have a sharp edge**.

5. To remove this edge, I would **scrape the block across the sharp edge** of a hard surface. I used the metal edge of my light table. If you don't have a sharp edge, a **quick swipe on a piece of sand paper** will do just as good of a job.



- The **top decorative** blocks are used to finish off the tops of the towers, and as caps for pillars.
- 6.

Use **regular blocks** to fill the inside of large flat roof sections.



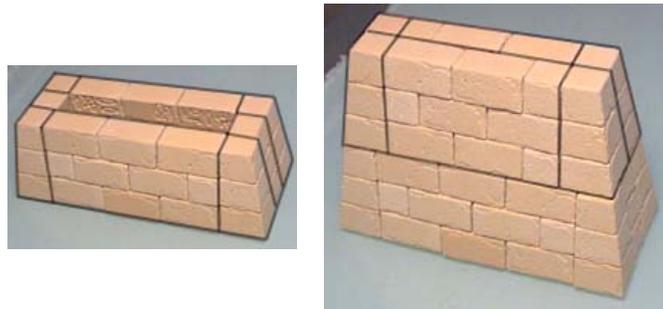
- Because the blasting process is hard to control, **the side of one corner block is not square.**
- 7.

To fix this, a couple of swipes on a piece of sand paper will straighten it up enough that it won't be noticed.



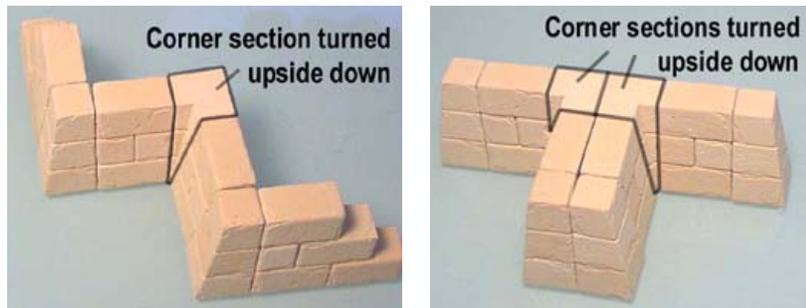
- It's easiest to create a tower in **rows of 3**. Place a **set of 3 corner blocks** on each corner and add wall sections in between.
- 8.

Every wall section you add will end up being **1/2" shorter in width** than the previous section. Eventually the tower will meet at the top in some way.



- For **interior corners**, simply turn the **corner section upside down**.
- 9.

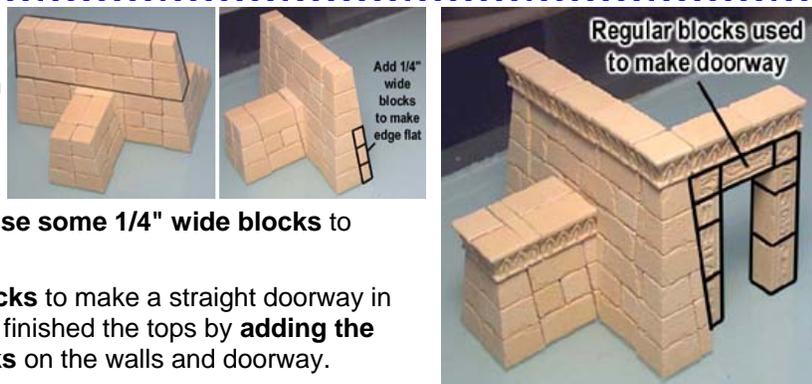
Once again, it's best to create wall sections 3 rows tall so things will work out evenly.



- I've taken the "T" shape above and added another row on top of it.
- 10.

To **add a flat doorway** to this example, I'll have to **use some 1/4" wide blocks** to flatten out the side.

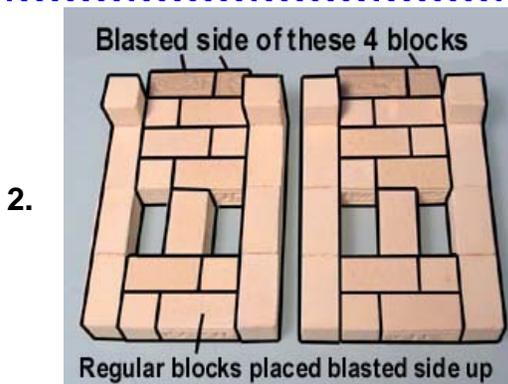
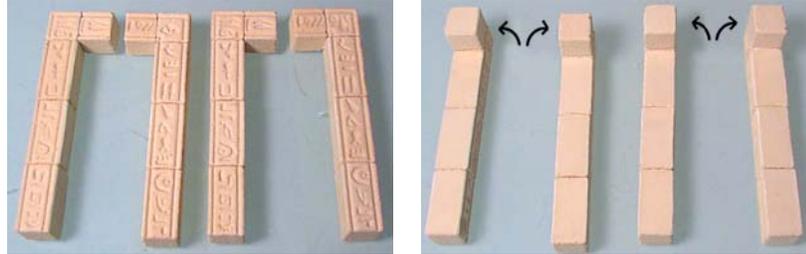
I've used **regular blocks** to make a straight doorway in the side of a wall. I've finished the tops by **adding the decorative top blocks** on the walls and doorway.



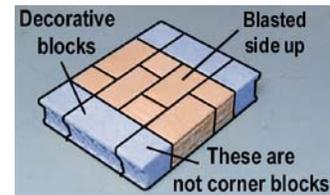
Egyptian Pylon Building Instructions

This Egyptian pylon is made using **mold #93**. You will need to **cast this mold 18 times** to have enough blocks to build the pylon. There are **no printable building plans** for this model. Instead, **print out this instruction page** which shows the placement of each block. The slope of these pieces makes it so that drawing building plans would have been extremely time consuming.

1. Make the doorway sides as shown. This close-up shows how I've arrange the symbols.
Rotate the pieces outward for the next step.



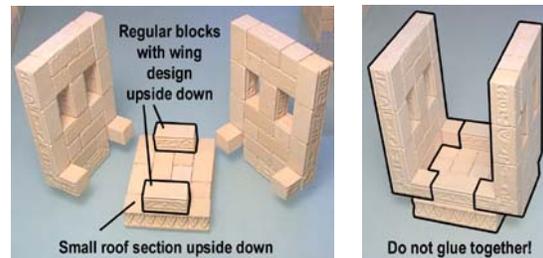
Fill in between these doorway sides **using regular blocks**. Be sure to position the blocks **blasted side up** so you can see the grainy texture towards you.



However, the very **top row of blocks** should have the blasted side facing upward (away from you).

Make the **small roof section** (on the right) from regular and decorative blocks.

2. Position the **small roof upside down** and place the two side pieces on either side as shown.
3. **Glue a regular block** onto the underside of the roof section, with the **winged designed** facing towards the outside and upside down.
Then place each side together but **do not glue them!** This will help the winged blocks to be positioned correctly.



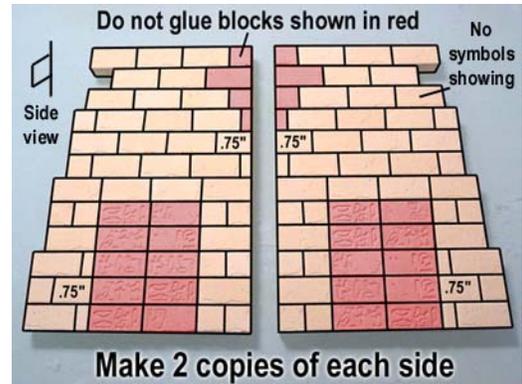
4. Glue together **20 copies** of this corner section.
I'm using a Lego as a guide to keep the edges straight as I glue the corner sections together. Having these pieces pre-glued will save you a lot of time later on.



Make 2 copies of each piece shown here for a total of 4 slabs. **Do not glue the blocks shown in red.** These are placed to help keep the walls square when you build them.

5. To keep the walls straight, I used a **large "L" shape of Legos** as a right-angle guide when gluing these slabs.

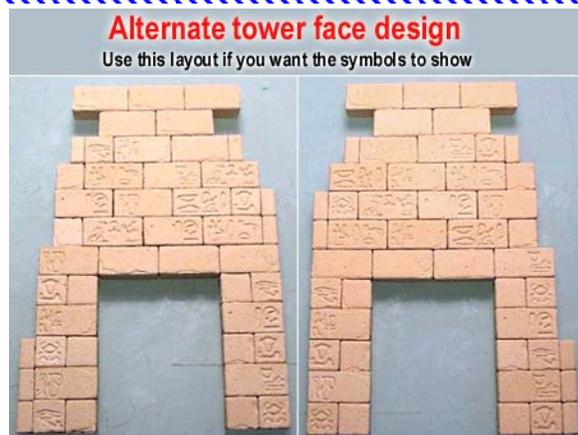
For this version, I **did not show any symbols** on the front faces of the slabs. The side you are seeing here is the front side (outside) of the pylon. **If you stood this wall up, it would lean back** away from you.



If you **want the symbols to show** on the outside of the tower, here is an **alternate design** for the pieces above.

6. At this point, I already **removed the blocks in red** so this shows what the finished face will look like.

I tried to keep the symbols in straight vertical rows, which means I needed to use a lot of the 1/4" pieces.

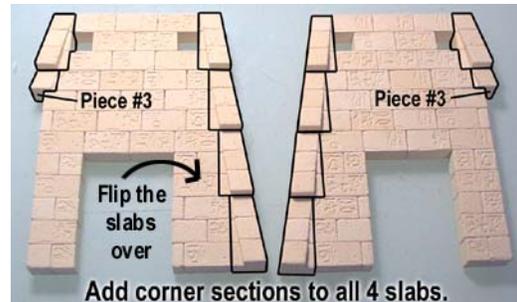


Flip the slabs over.

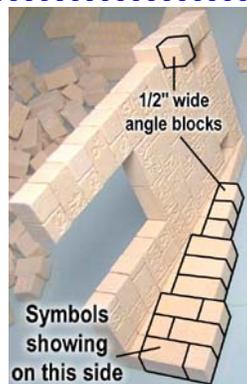
Glue the corner sections onto the outside edges **all 4 slabs** as shown.

7. **Piece #3** is the top block from a corner section. Position it in the same direction as the other corner pieces.

You'll notice that there will be random symbols on the back side of the slabs. Since these will end up inside the towers, you'll never see them.



- 8.



Add the angled blocks shown to **only 2 of the slabs**. The 2 remaining slabs will sandwich against these to make complete towers.

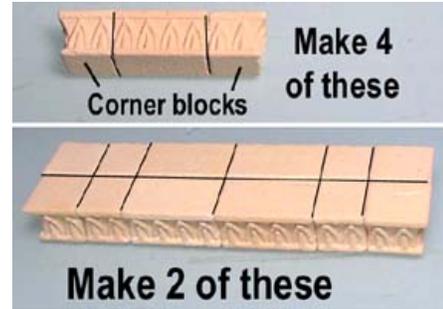
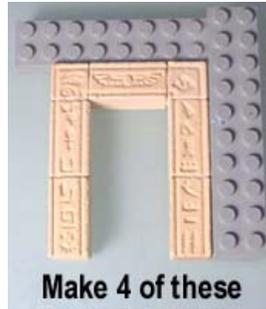
Be sure the **symbols are on the inside** of the tower as you add these blocks. Otherwise they'll show up on the outside of the tower.



Be sure to cast mold #93 **eighteen times** to have enough blocks to build the pylon.

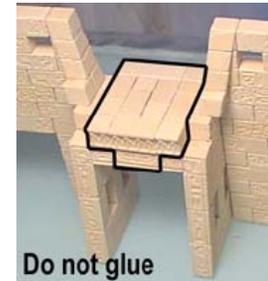
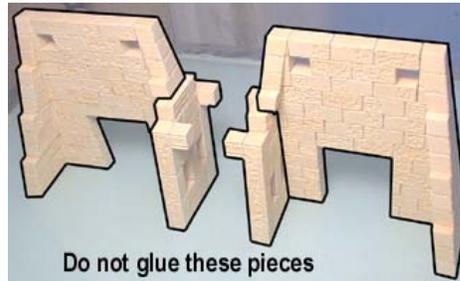
9. Using the **regular blocks**, create 4 doorways as shown.

Use the **decorative top blocks** to make 4 doorway tops and 2 tower tops.



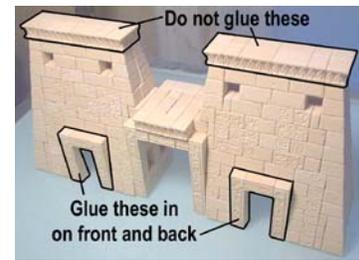
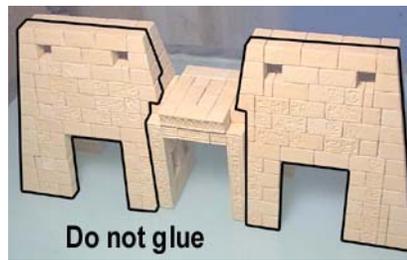
10. Now we'll do a **test fit** of the pieces so **do not glue these!** Put the slabs on each side and place the doorway sides centered under them.

If the doorway sides are too tall, you may have to sand the bottom of them. Place the **small roof section** on next.



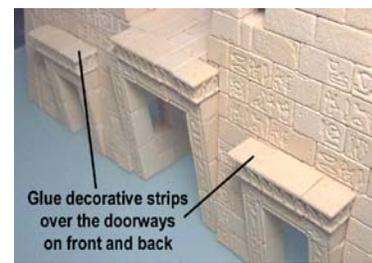
11. Set the front side of the slabs on and place the decorative roof pieces on top.

Glue the doorways in on all 4 slabs.



12. You will need to **sand the decorative tops** that go above the doorways if you want them to set flush against the side of the towers.

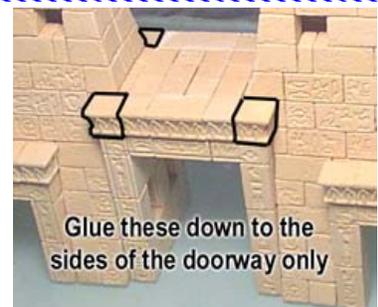
You don't have to get the angle perfect, just close enough so the pieces set above the doorways fairly close. **Glue these** into place.



- The very last pieces to glue are the **decorative corner blocks**.

13. To get these to fit right, you'll have to **sand the back** at an angle so it will lay flush against the towers.

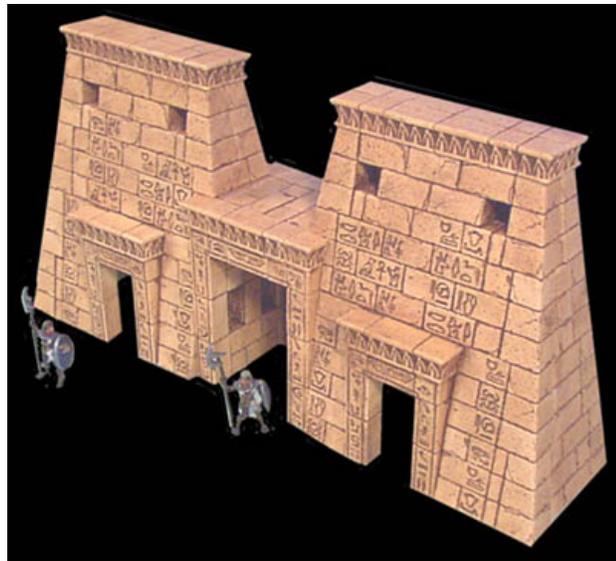
Glue these 4 blocks **down to the doorway sides only**, otherwise you'll end up sticking the roof onto the doorway accidentally.



Here are finished photos of the Egyptian Pylon. The bottom right photo shows what the pylon looks like if you use the **alternate tower face design** which has the symbols turned out where you can see them.

For instructions on **painting this model**, refer to the Antiquing method shown on the painting instructions page.

Instructions for **making the doors** are found on the Tips & Tricks 16 page. They're made of aluminum foil which is embossed with an ink pen and antiqued using brown shoe polish.

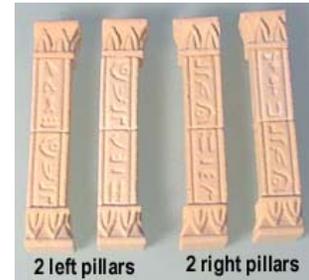
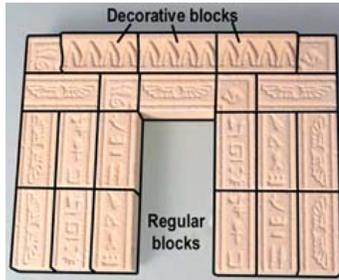


Pylon Temple Building Instructions

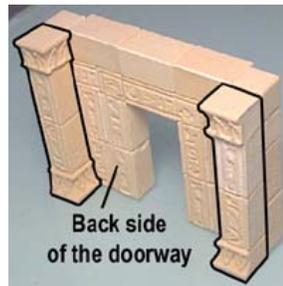
This Pylon Temple is made using **mold #93**. You will need to **cast this mold 17 times** to have enough blocks to build this. There are **no printable building plans** for this model. Instead, **print out this instruction page** which shows the placement of each block. The slope of these pieces makes it so that drawing building plans would have been extremely time consuming.

We'll start with the main doorway. Use **regular blocks** for this, and be sure and use **3 decorative blocks** on the top row.

1. The pillars on the right are made from regular blocks and **decorative corner blocks**. The only difference in the left and right pillars is the direction the decorative corner block is facing.



2. Glue one of each pillar on the **back side** of the doorway.



2. Glue together the frame shown out of regular blocks and decorative corner blocks.

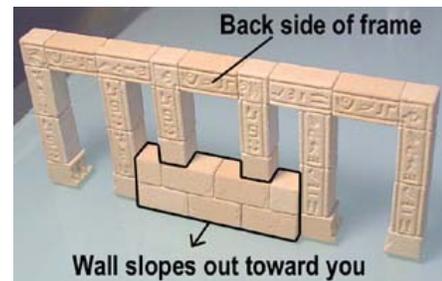


3. Glue together the small wall section out of **angled wall blocks**.



3. Turn the fram around and glue this wall section between the pillars as shown.

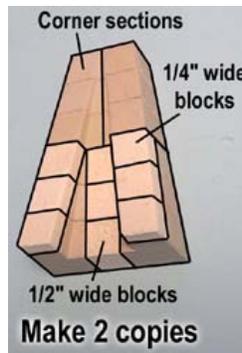
The wall section would **slope towards you** and the top of the wall section should fit exactly under the 2 short pillars coming down.



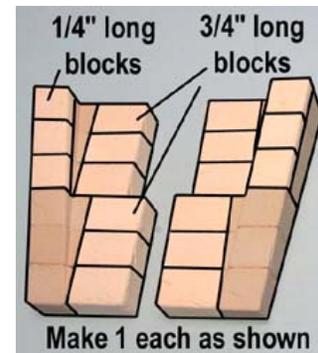
4. Glue together **28 corner sections**. These will **appear darkened** for the next few photos.



4. Make **2 copies** of the piece shown in the second photo. It uses **1/4" wide pieces** on the top.

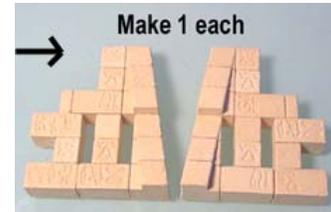
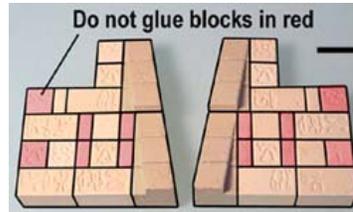


For the last photo, place the **corner pieces upside down** and glue on **3/4" and 1/4" wide pieces** as shown.



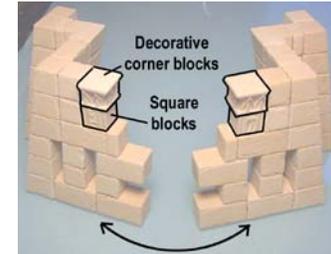
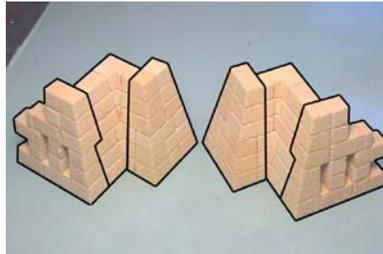
Make the pieces shown here but **do not glue the blocks in red**.

5. Be sure that the **symbols are on the side facing you**. That way they won't appear on the outside of the towers.



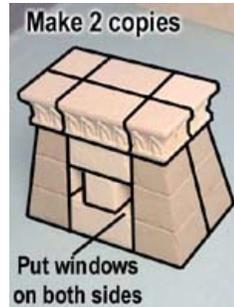
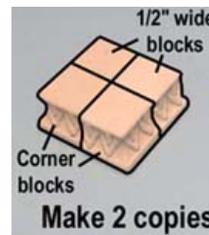
Glue the 3 pieces (from step 4 and 5) together as shown.

6. **Switch them places** and glue the square and decorative blocks on.



The first piece shown is made from **two decorative corner blocks** and **two 1/2" wide decorative blocks**. The back side will be flat so it can set against the side of a tower. **Make 2 of these**.

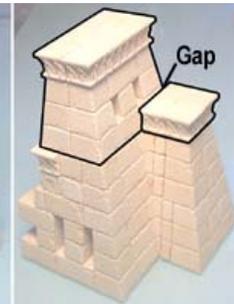
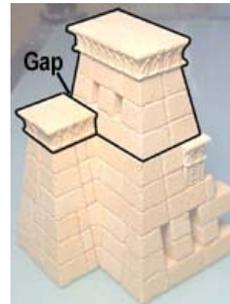
7. The second piece uses **four corner sections**, the **top decorative blocks** and some angled wall blocks. **Repeat the windows** on both sides of the piece. **Make 2 of these pieces**.



Add these pieces to the **tops of the towers**.

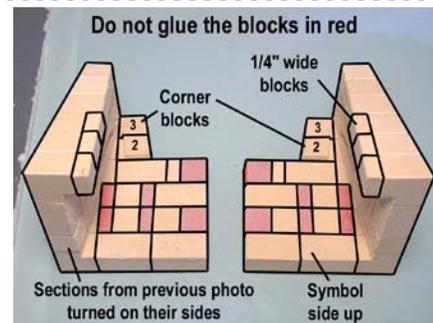
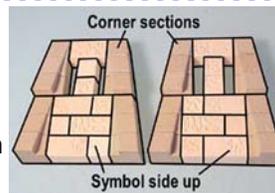
When you place the small decorative tops against the angled towers, you'll notice there will be a gap between top and the towers.

8. You can sand the back of the top piece if you want it to fit better, but I didn't think it was all that noticable.

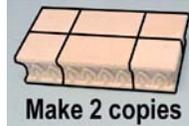


Make the two sections shown here using **corner sections and angled blocks**. Be sure the angled blocks are **symbol side up** (unless you want them to show).

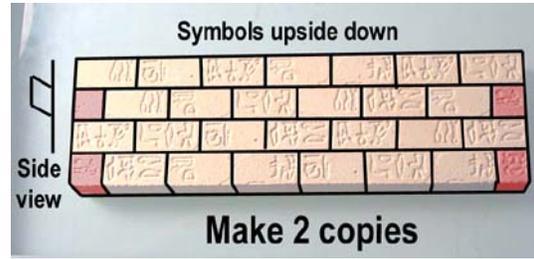
9. When dry, **turn these on their sides** and add the other blocks shown. **Do not glue the blocks shown in red!** To see what corner blocks are used here, scroll up to the top of this web page.



Make **two copies** of the decorative top section shown.

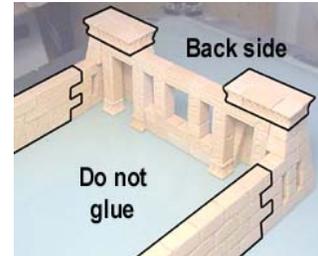
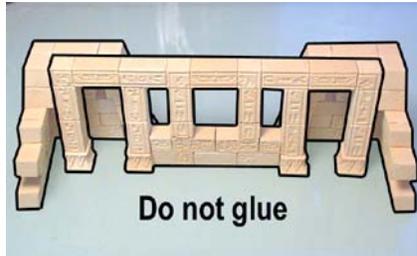


10. Make **two copies** of the wall section shown. **Do not glue the blocks shown in red!** If you don't want the symbols to show on the outside of the wall, be sure they are **facing up** and placed **upside down** as the photo shows.



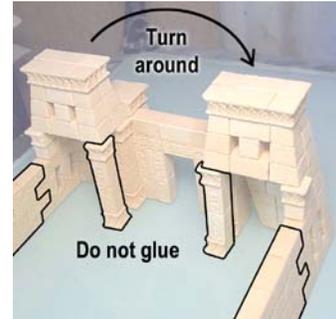
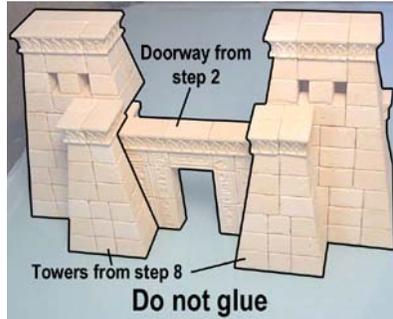
Now that the pieces are finished, we'll do a **test fit** before the pieces are painted.

11. Place the frame between the towers made in step 9. Now add the caps and wall sections.



For the **front side** of the temple, place the doorway between the towers.

12. **Turn the towers around** and add the pillars underneath (you may have to sand them). **Join the wall sections** to complete the temple.



Here are finished photos of the Pylon Temple.

For instructions on **painting this model**, refer to the Antiquing method shown on the painting instructions page.

Instructions for **making the door** are found on the Tips & Tricks 16 page. They're made of aluminum foil which is embossed with an ink pen and antiqued using brown shoe polish.

