



This project as shown at left has 4 designs—2 in classic beads and 2 in mini beads. They are intended to be displayed together; however, you may choose to make only the ones you prefer. The 4 projects are divided onto 2 project sections, separating the classic beads projects (pages 1-14) from the mini beads projects (pages 15-20).

### YOU WILL NEED:

#### Pegboards:

6 large squares

#### Other:

Scissors and clear tape

Ironing paper and Iron

Tweezers or Bead Pen

Two 12" x 16" canvas or fabric-wrapped frames

Green and blue acrylic paint and brush

Quick-drying adhesive

2 large pieces of cardboard for use while fusing

#### Bead Colors:

##### Quarterback:

- Tan - 13
- Light Brown - 46
- Brown - 64
- White - 16
- Light Grey - 6
- Black - 1843

##### Touchdown!

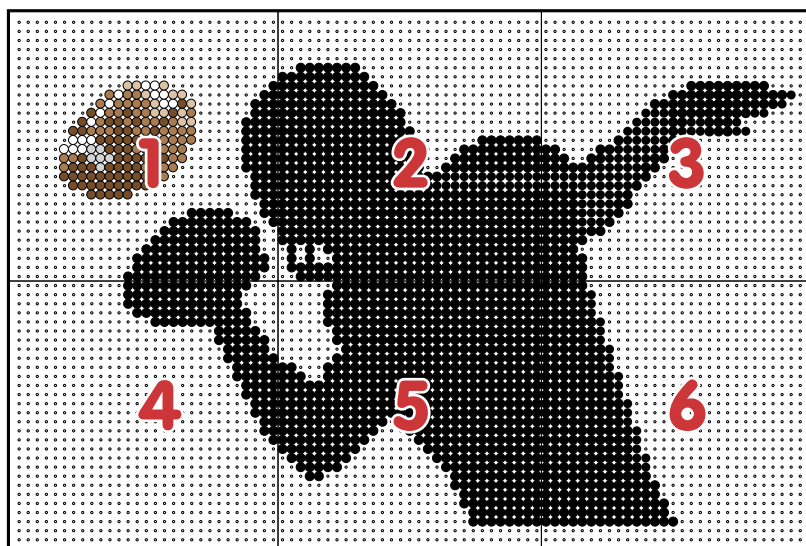
- Black - 1579

### Instructions

1. Assemble 6 large square pegboards as shown below placing them on one of the large pieces of cardboard on a heat-safe surface that you can later use for fusing. Cut out and tape together the pattern sections. If you are using clear pegboards, slide the actual-size pattern underneath them. Place your beads on the pegboards as shown.

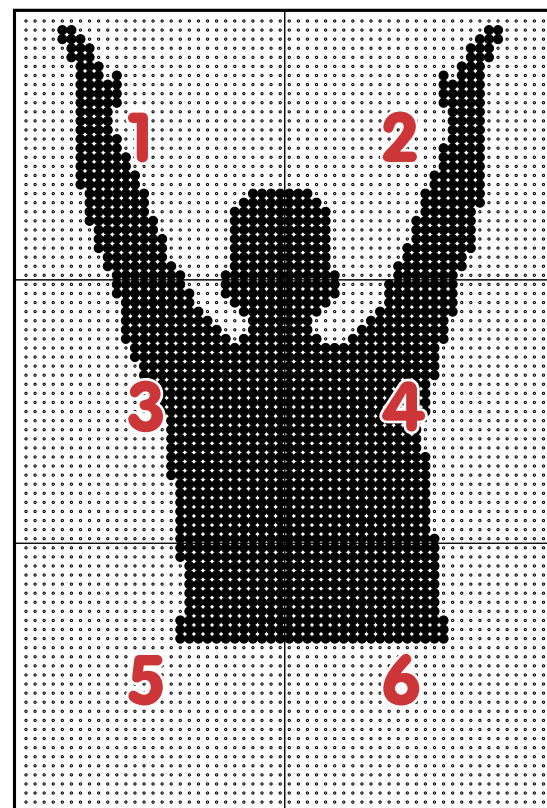
2. Ask an adult to fuse your designs—see page 13 for standard instructions and page 14 for the Tape Method.

3. Assembly: For the Quarterback design, glue the football into position as a separate layer. Paint the canvas or fabric wrapped frames to create the backgrounds for your pieces. Adhere your fused pieces to the frames.



Quarterback Pass

Sized to fit 16" x 12" display

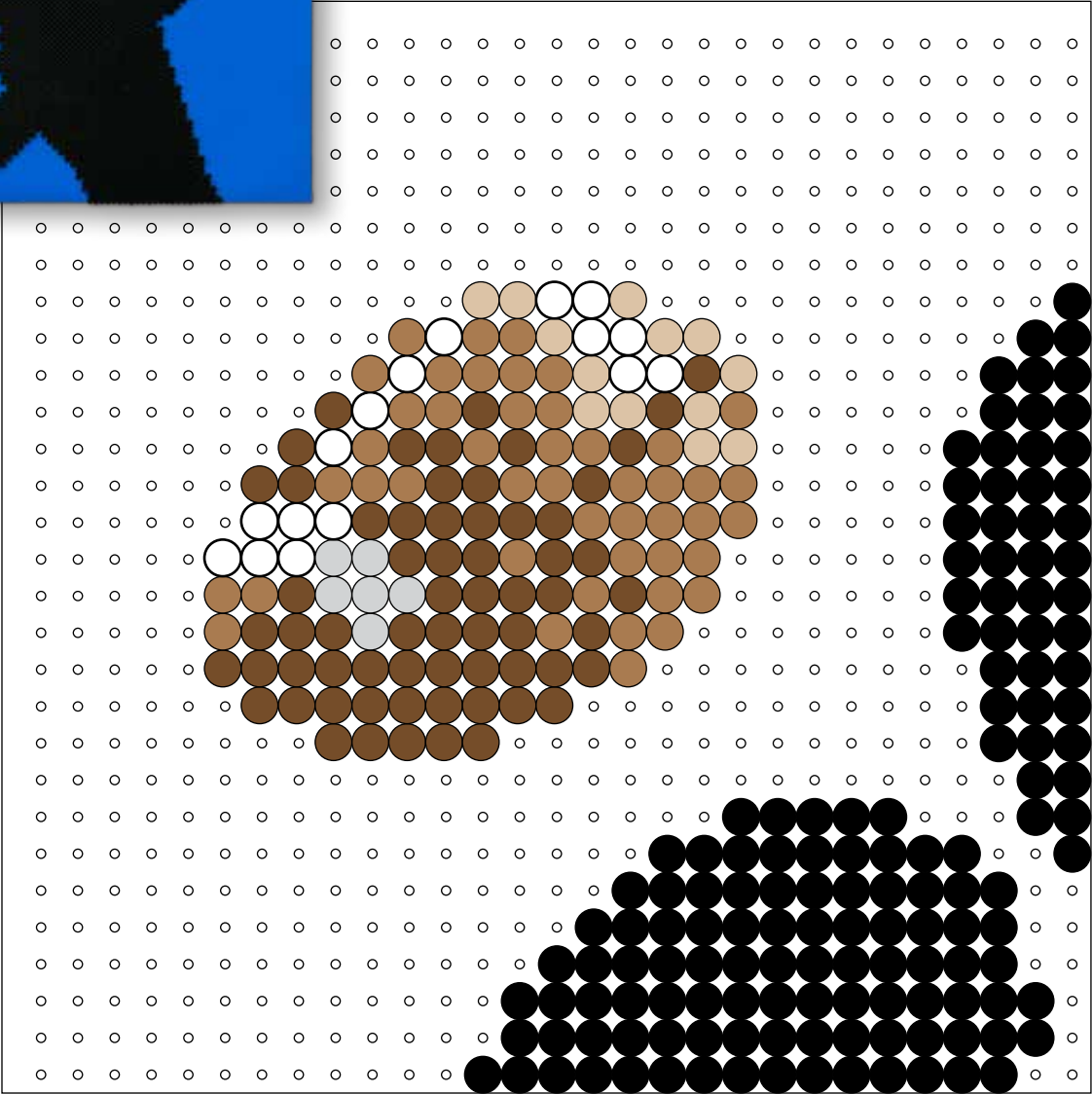


Touchdown!

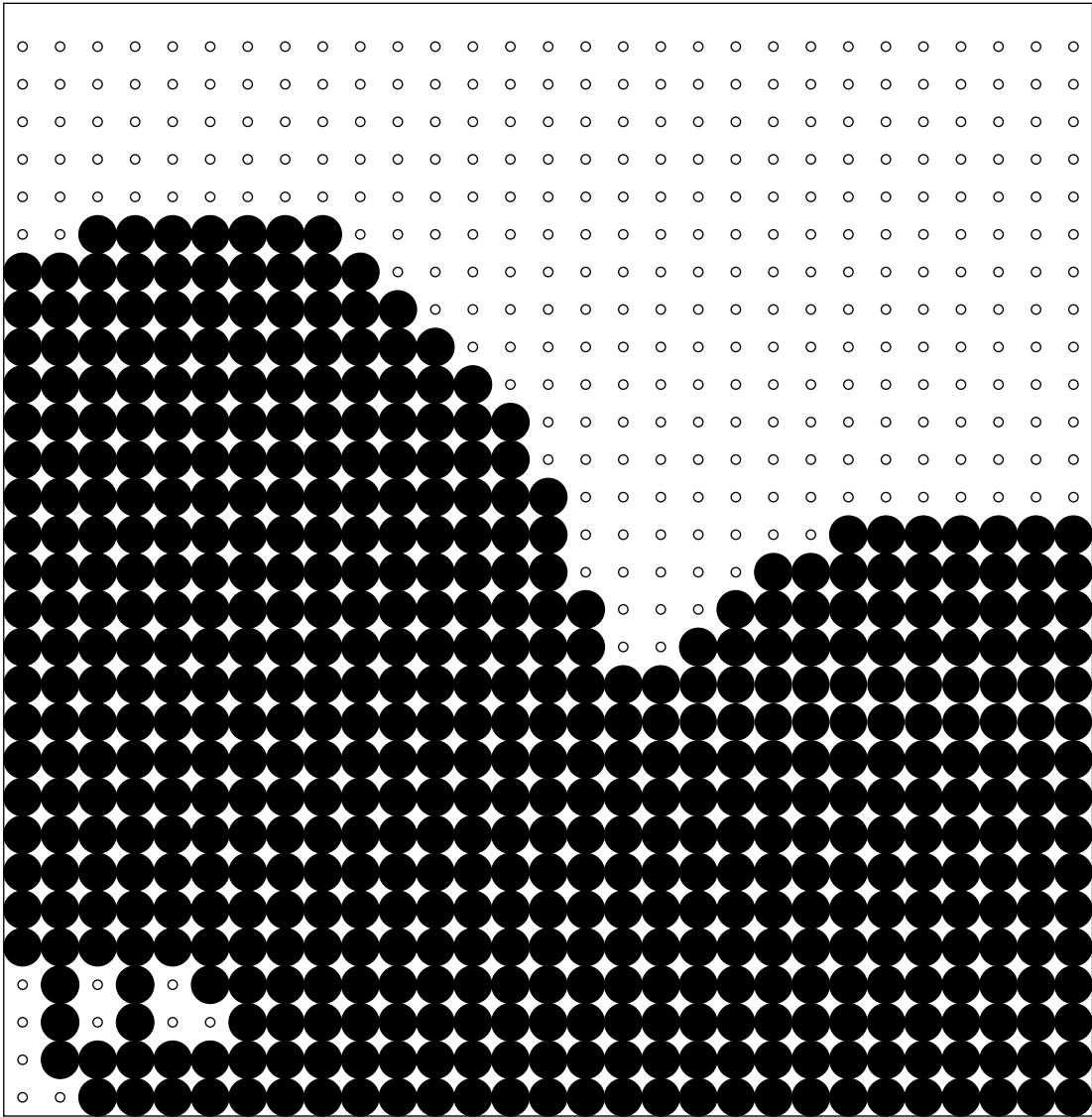
Sized to fit 12" x 16" display



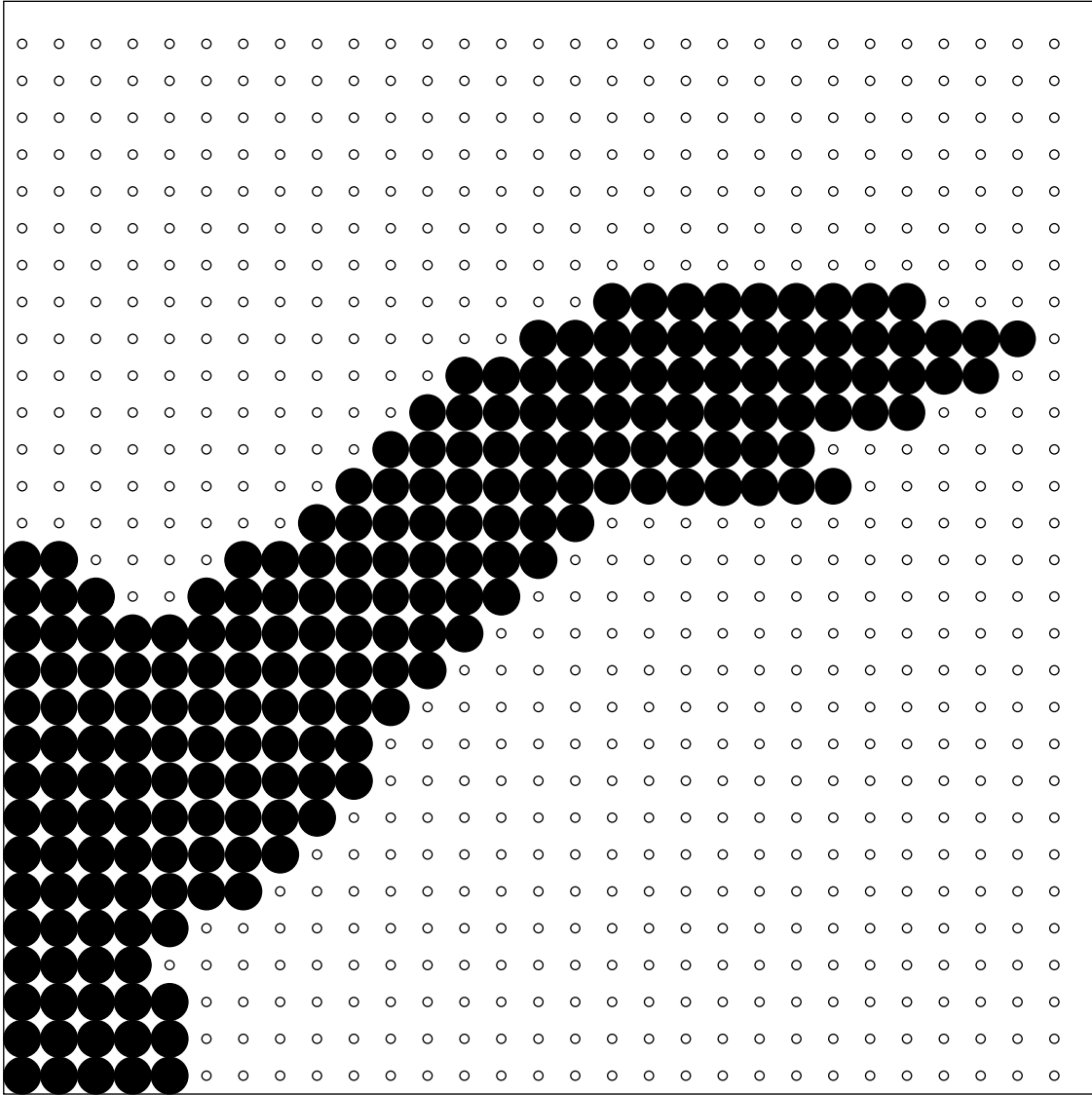
Quarterback  
Section 1



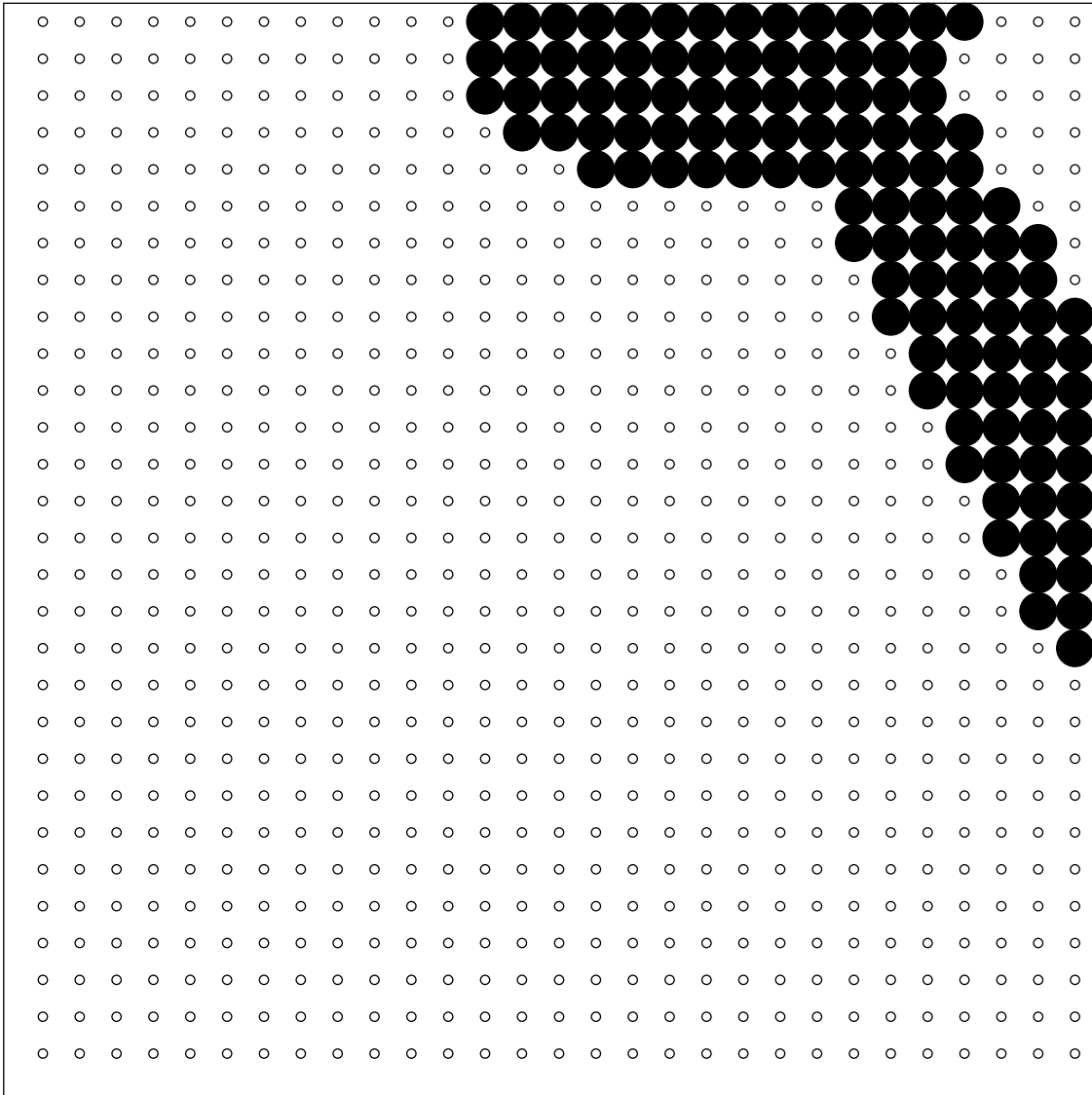
Section 2



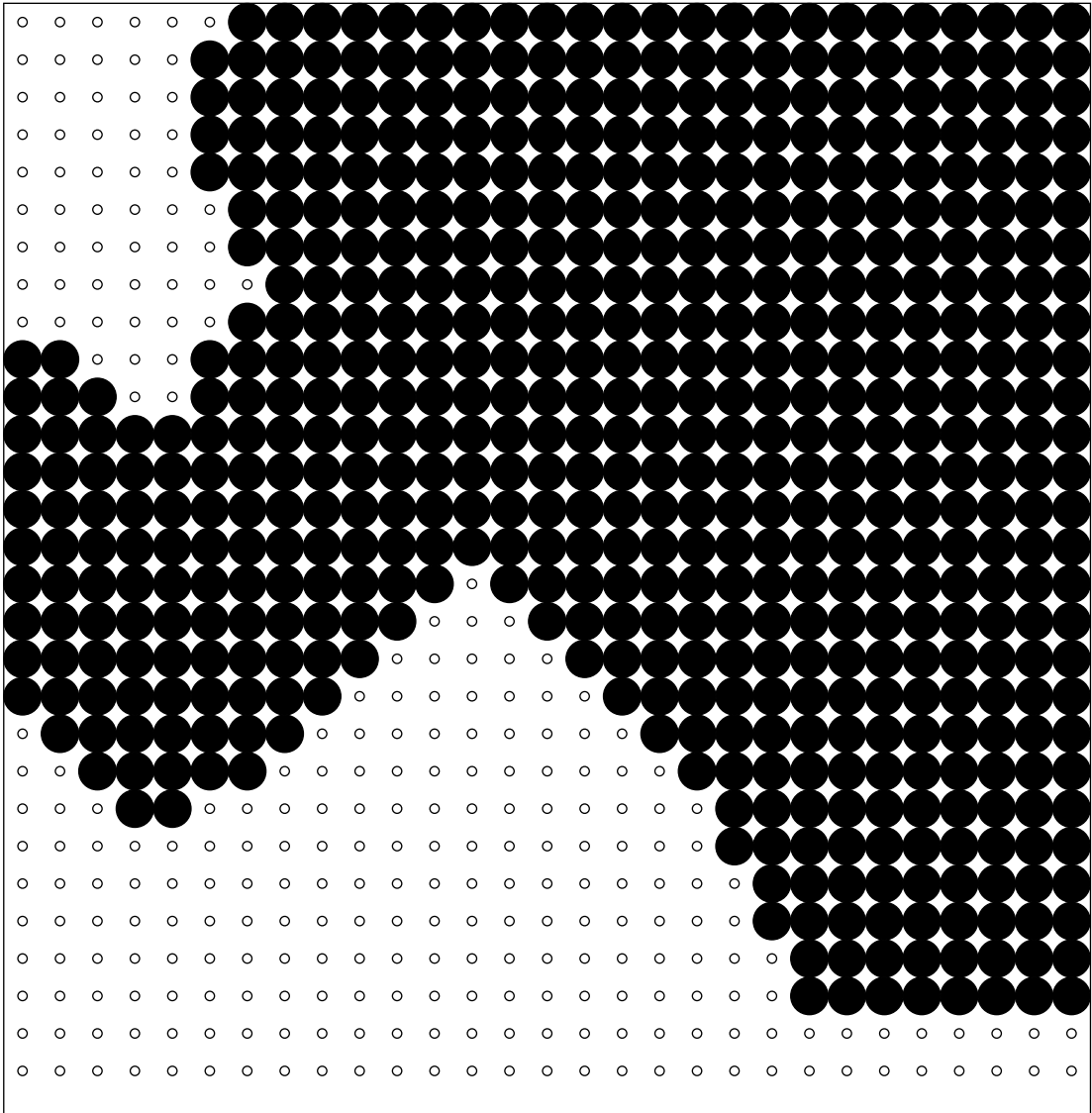
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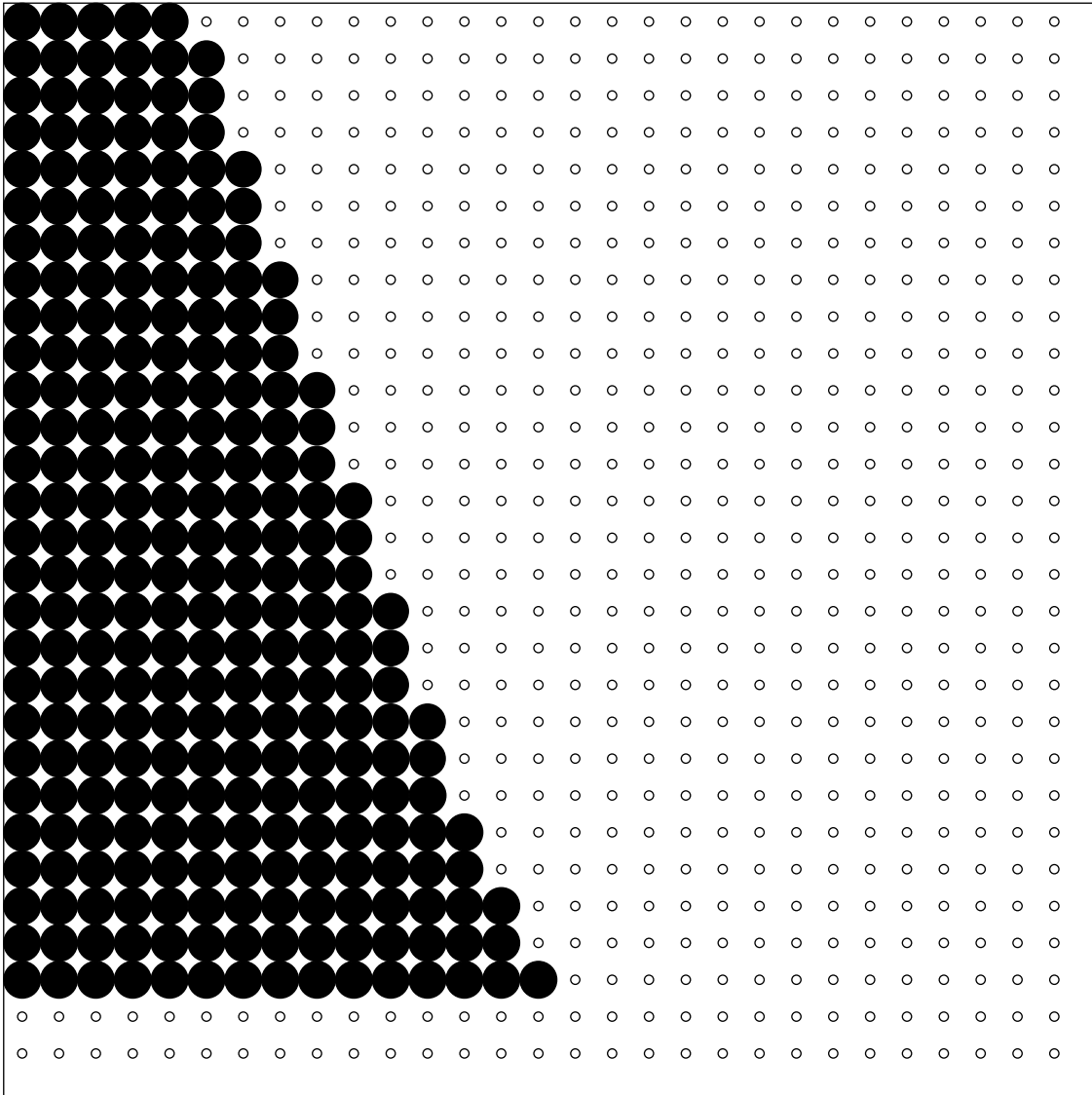
Section 4



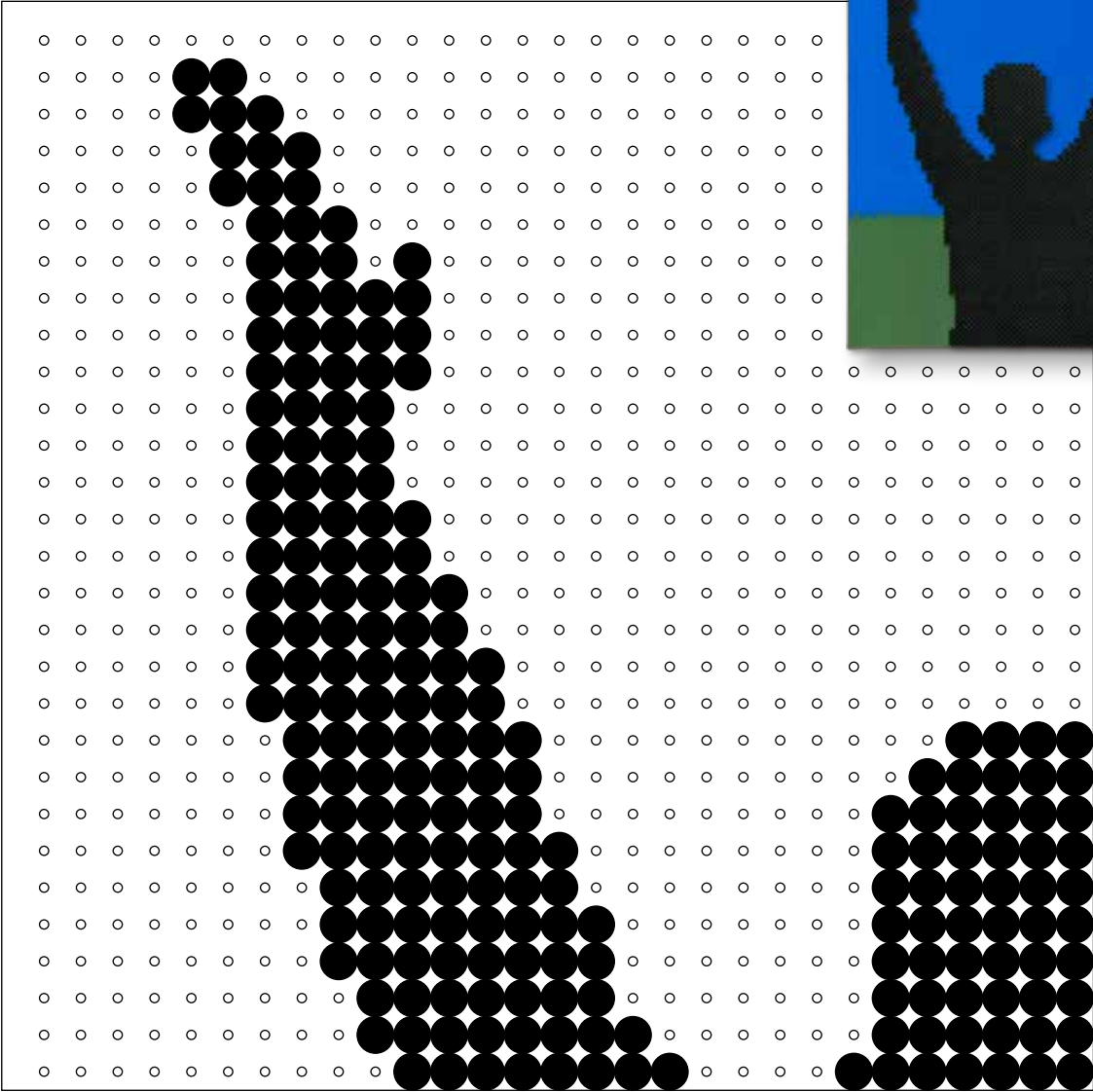
Section 5



Section 6

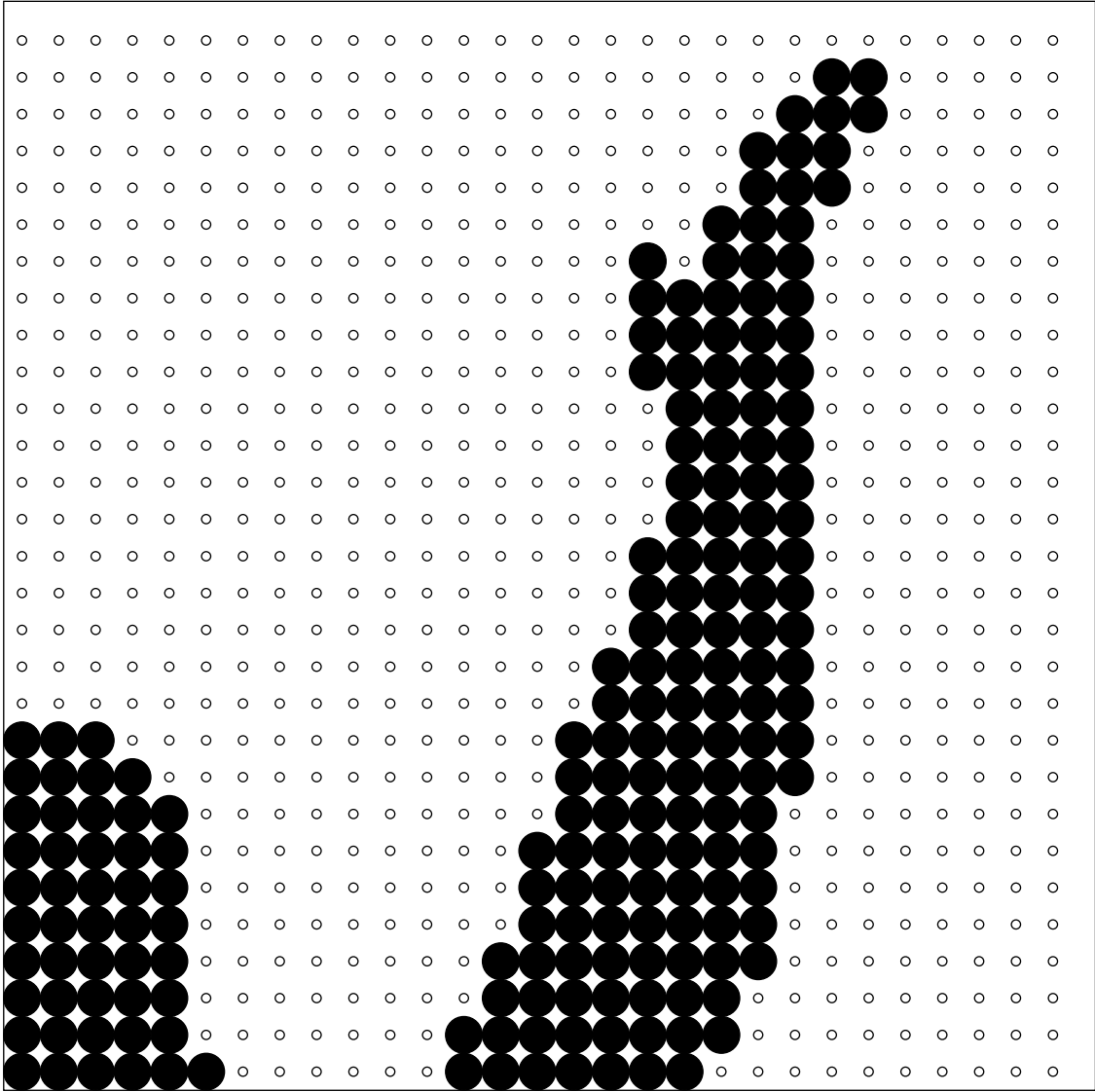


Touchdown!  
Section 1

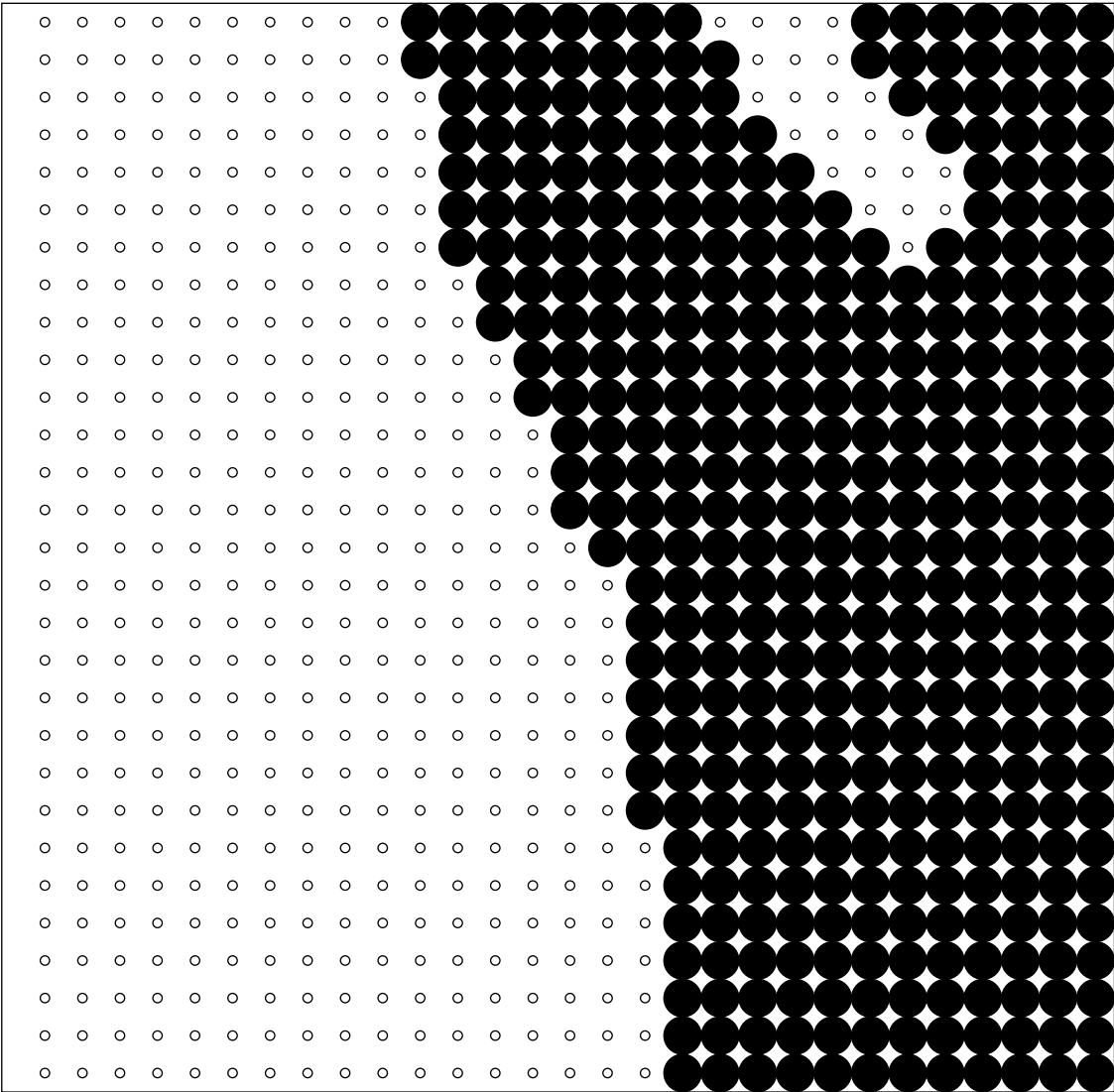




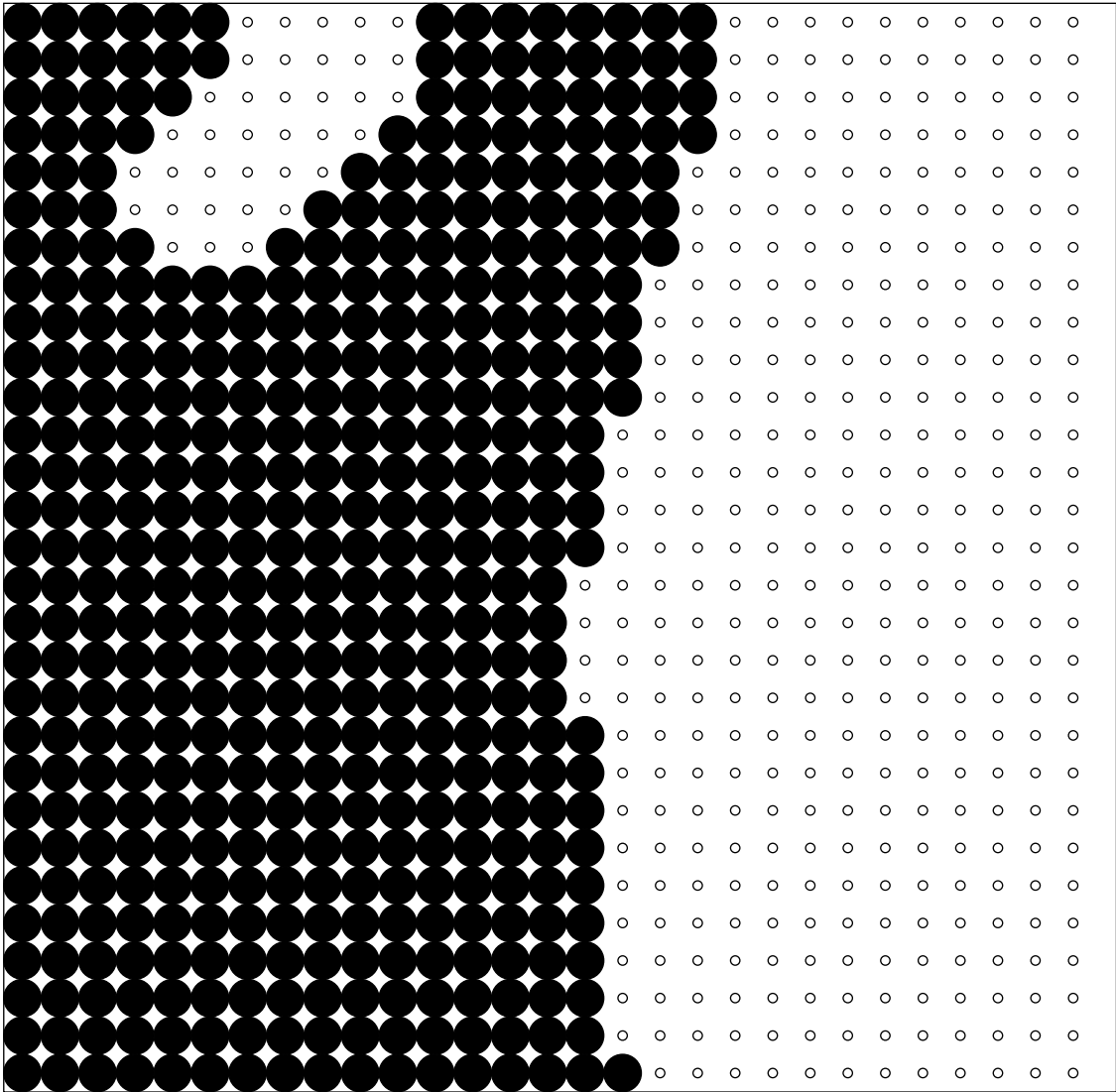
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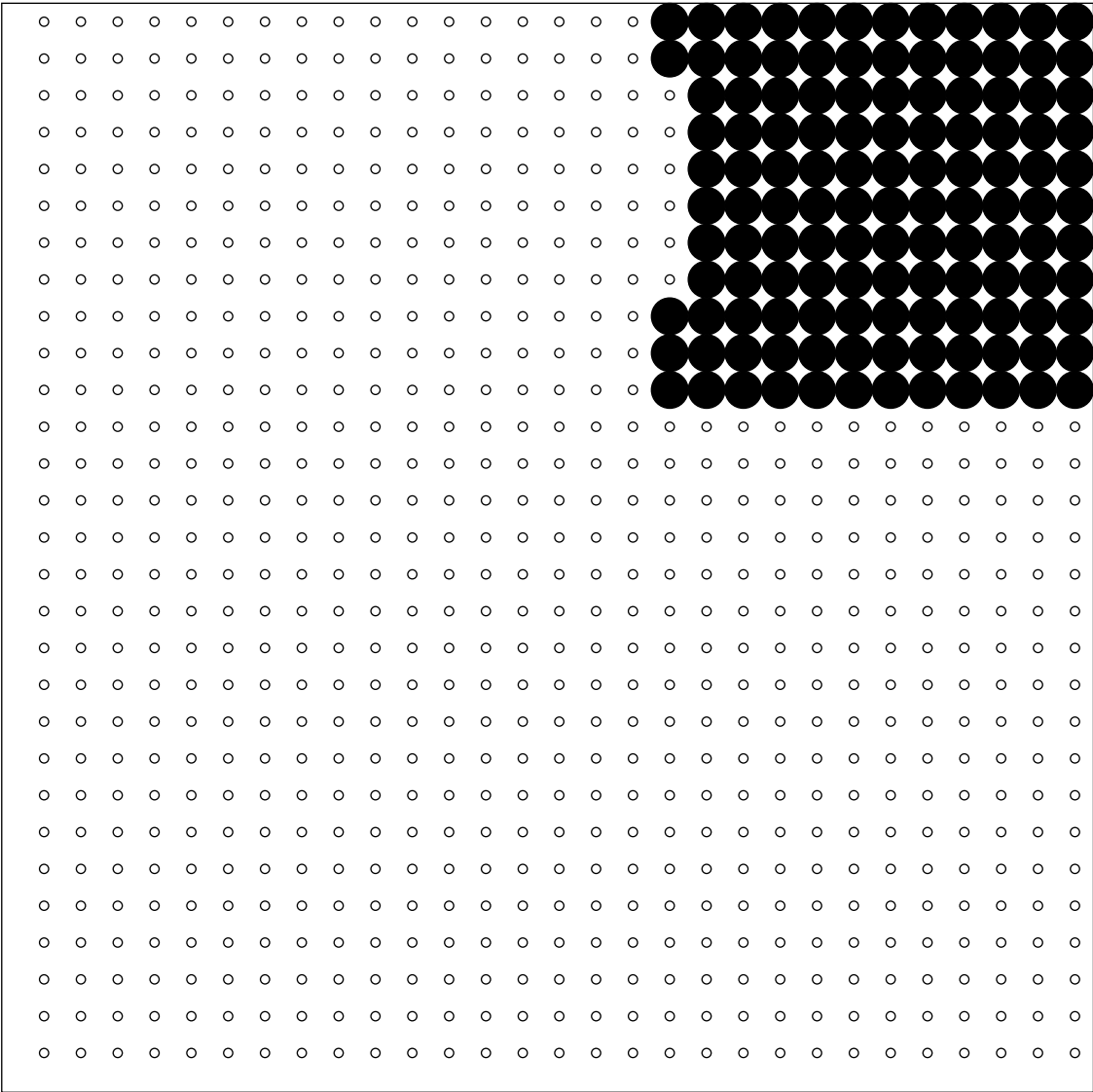
Section 3



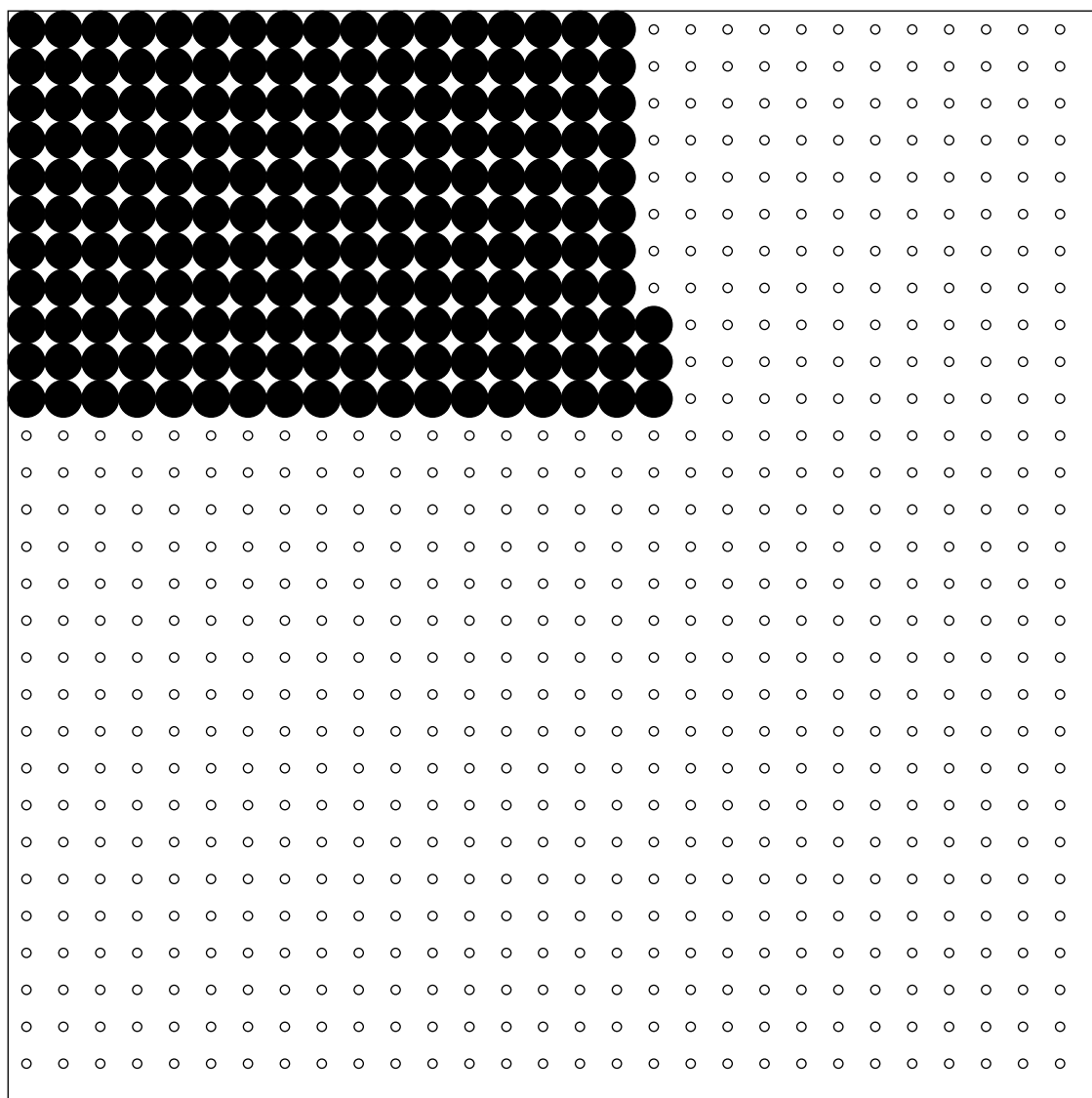
Section 4



Section 5



## Section 6



## Classic Beads Fusing Instructions—Only Adults Iron



1. Place your pegboard on a flat, heat-safe surface.
2. Set a household iron to the medium setting. Place ironing paper over the pegboard. In a circular motion, begin to iron the project. Do not press down with the iron. As the beads begin to fuse, you will see circles of the beads start to show through the paper. When ironed properly, the beads will still have an open center. Let the design cool.
3. Remove the paper and bead design from the peg board. Flip the design over to expose the non-fused side. Repeat step two. Let cool completely.

**NOTE:** Beads need heat for about 10-20 seconds per side to fuse evenly. Lift the paper occasionally to see how the beads are fusing. Depending on the size of the project, additional heating time may be required.

## THE TAPE METHOD FOR FUSING LARGE PROJECTS—ALTERNATIVE METHOD

Many Perler artists are having great success with this Tape Method for fusing large projects. **Please Note: DO NOT USE for Mini Beads.**

### MATERIALS NEEDED:

- A household iron
- Ironing paper
- 2" wide standard masking tape
- 2 large pieces of heavy cardboard a little larger than your design
- Weights (e.g. heavy books)
- Another person to assist when flipping an extra large design

**BEFORE YOU BEGIN:** Download the PDF for the Tape Method to keep on hand for future projects. First, a bit of explanation: the Tape Method is an alternative to our standard fusing method, which works well for virtually all projects. Some Perler artists prefer the Tape Method to avoid seams that can sometimes appear between connected pegboards, or the chance of beads springing off the pegboards during fusing of a large project. It may take a bit more time and effort, but you may find that the results are more pleasing.

There are a number of variables in the fusing process that make it more of an art than a science: 1) temperature can be different from iron to iron, 2) some pigments used to color the beads can react to heat a little faster or slower than others, and 3) time, motion, and pressure used. Whichever method you use, take your time, be patient, and work methodically. We like the beads to be well connected but still to have open centers, so we often fuse more thoroughly on the back side, and a little less on the front.

**SET-UP:** For large projects, we recommend that the fusing be done at the same work area as the creation of the design—it's risky to try to move a large unfused piece. Therefore, be sure your work area is heat-safe. Lay one of the two large pieces of cardboard on the work surface, then assemble the pegboards and bead the design.

**APPLYING TAPE:** Apply 2" wide standard masking tape CAREFULLY over the beads of your design, overlapping strips by about 1/4" until the design is completely covered. Press the tape well onto the beads to make sure all are adhered. (Tip: use the tape roll itself to help press the tape into place.)



**TRIM TAPE:** Trim excess tape to about 1/2" or so outside the design. Some artists advocate piercing the tape at the center of each bead. In our testing, we did not pierce the holes and experienced no adverse effects.



**THE FLIP:** Place the second large piece of cardboard over the design so the design and pegboards are sandwiched between the two pieces of cardboard. You're going to flip the design over so the tape side is down—a second set of hands will be helpful if your design is made on more than 4-6 pegboards. Pick up the "sandwiched" design and turn it over.



**FUSING SIDE #1:** Carefully lift off the pegboards; the tape will hold the beads in place. Set a household iron to the medium setting and have your ironing paper at hand. An adult should always do the fusing.



When working with a large design on multiple pegboards, you'll want to fuse an area at a time. Place ironing paper over the section of the design you will fuse. In a circular motion, begin to iron the project. Beads need heat for about 10-20 seconds per side to fuse evenly, but it's possible additional heating time may be required. With more time, heat and/or pressure, the beads can close up and flatten which would make any assembly of your project more challenging.



As you finish an area, remove the paper and check your fusing—you can do additional spot-fusing as needed. Then, move the ironing paper to the next area you will fuse. When completed, remove the ironing paper, weight the design and let it cool.

**FLIP AGAIN:** Flip the design the same way you did earlier (minus the pegboards) so that the tape side is now up.

**REMOVE THE TAPE:** After you have flipped the design, gently remove the tape.



**FUSING SIDE #2:** Repeat the fusing as above. When finished, weight the design and let it cool. Check again to make sure your project is securely fused.



# Football Silhouettes

## Project Sheet 2 of 2: Mini Beads



This project as shown at left has 4 designs—2 in classic beads and 2 in mini beads. They are intended to be displayed together (approx. 30" x 30"); however, you may choose to make only the ones you prefer. The 4 projects are divided onto 2 project sections, separating the mini beads projects (pages 15-20) from the classic beads projects (pages 1-14).

### YOU WILL NEED:

#### Pegboard:

Mini Beads square  
pegboards: 16 for Ball  
Carrier, 7 for Receiver

#### Other:

Scissors and clear tape  
Ironing paper and iron  
Mini Beads tweezers  
Canvas or fabric-wrapped frames 11" x 14" and 12" x 9"  
Blue and green acrylic paint and brush  
Quick-drying adhesive  
2 Large pieces of cardboard for use while fusing

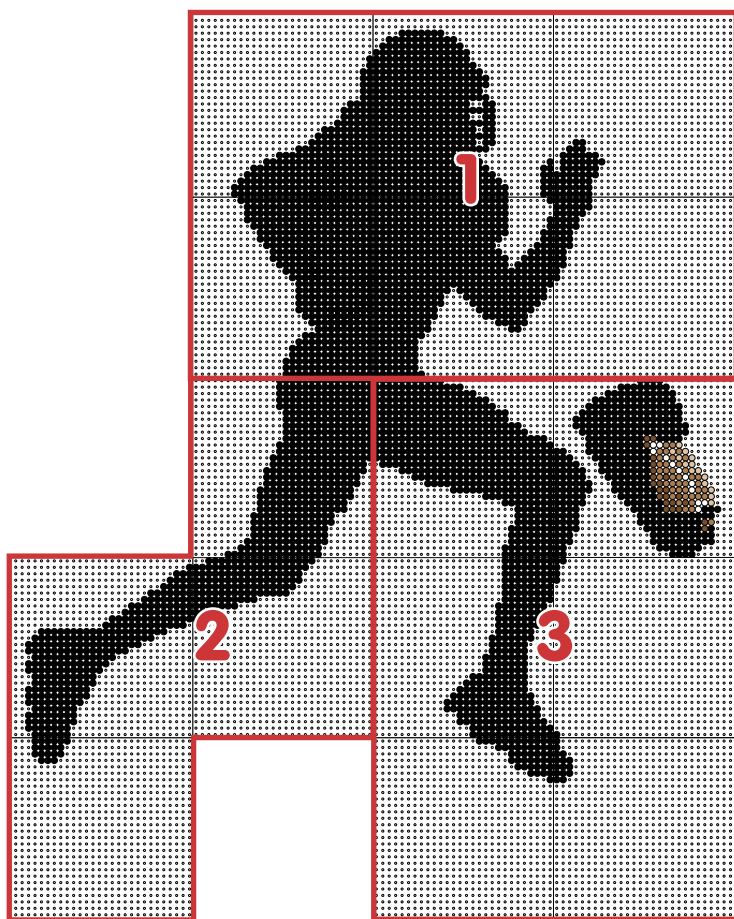
#### Bead Colors:

##### Ball Carrier / Receiver

- Tan - 14 / 30
- Light Brown - 40 / 40
- Brown - 23 / 54
- Black - 3691 / 2049
- White - 12 / 32

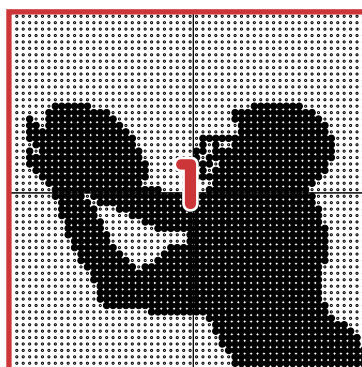
### Instructions

1. Assemble Mini Bead pegboards as shown here, placing them on one of the large pieces of cardboard on a heat-safe surface that you can later use for fusing. Cut out and tape together the pattern sections. Place your beads on the pegboards as shown.
2. Ask an adult to fuse your designs—see page 20 for specific instructions on fusing mini beads.
3. Assembly: For the Ball Carrier design, glue the arm/football piece into position as a separate layer. Do the same with the football on the Receiver design. Paint the canvas or fabric wrapped frames to create the backgrounds for your pieces. Adhere your fused pieces to the frames.



Ball Carrier

Sized to fit 11" x 14" display

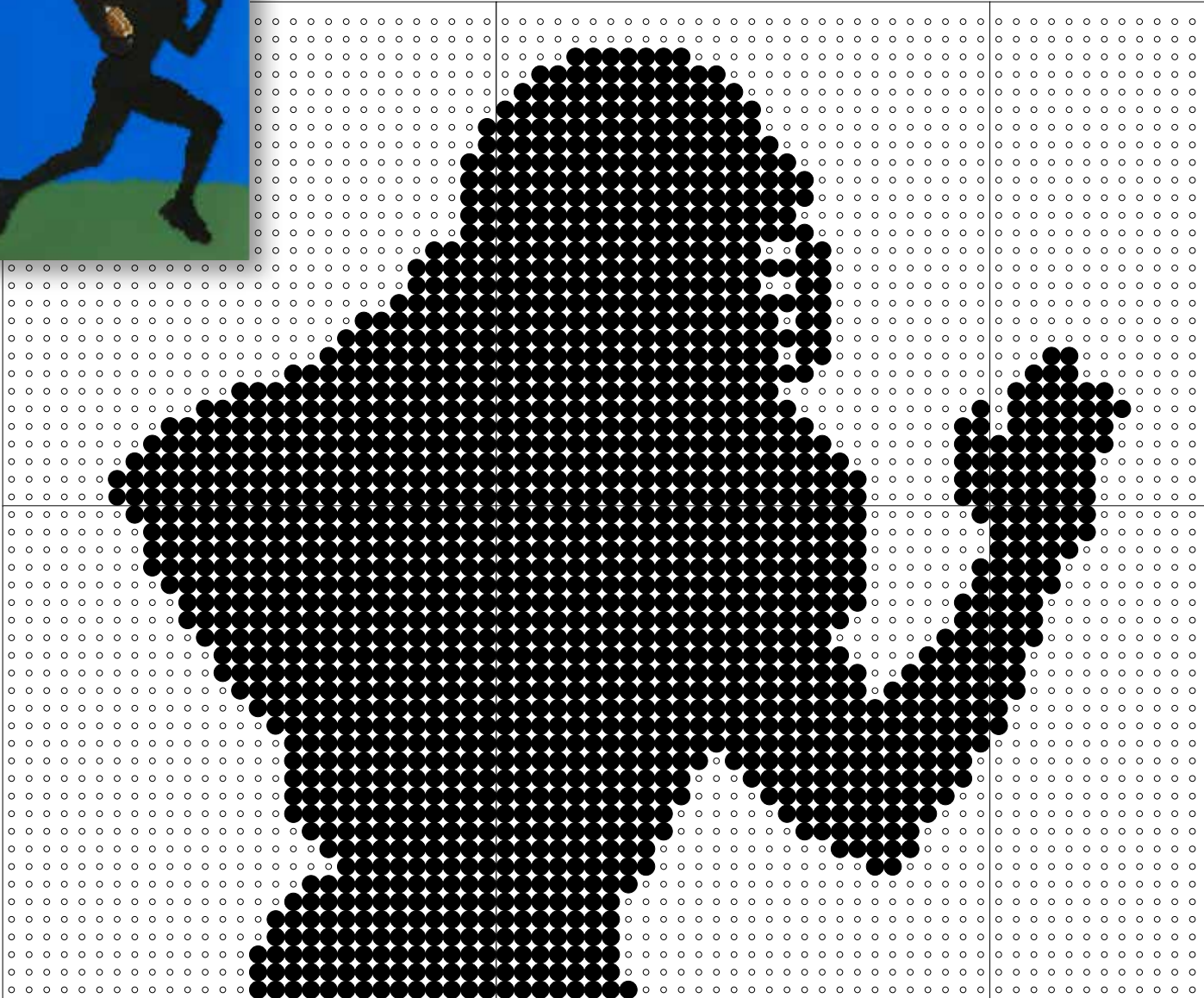


Receiver

Sized to fit  
12" x 9" display

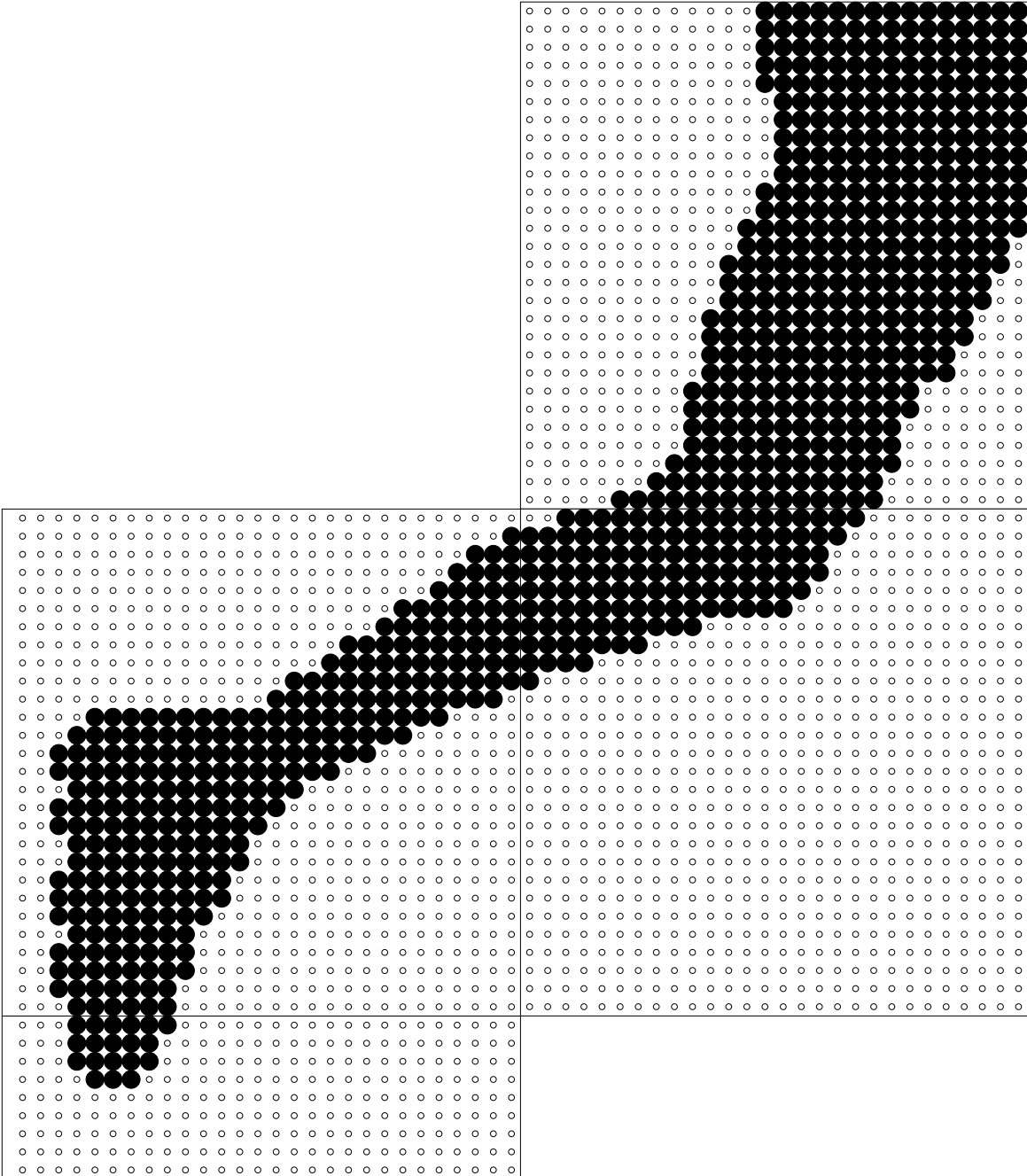


Ball Carrier  
Section 1

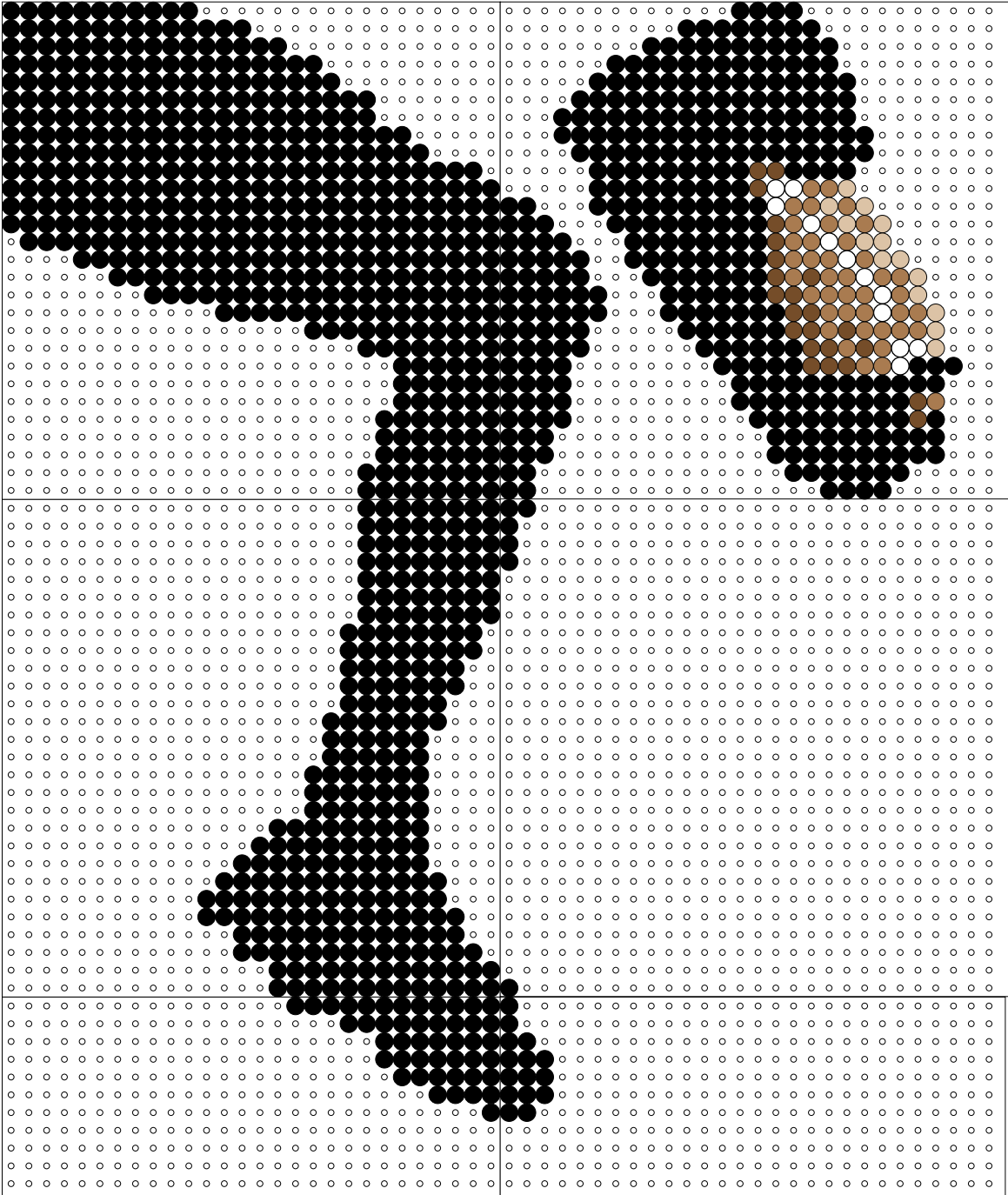




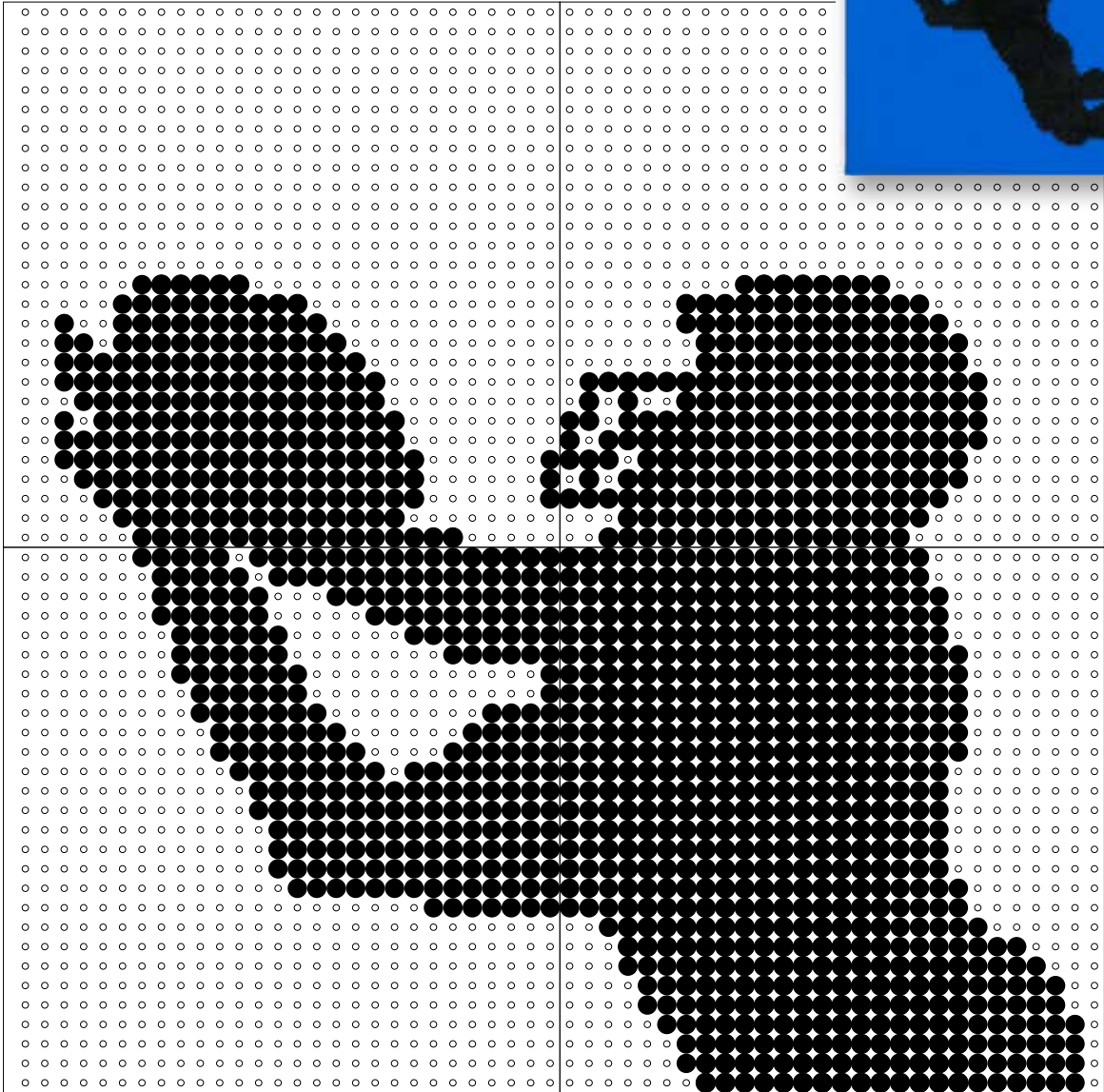
Ball Carrier  
Section 2



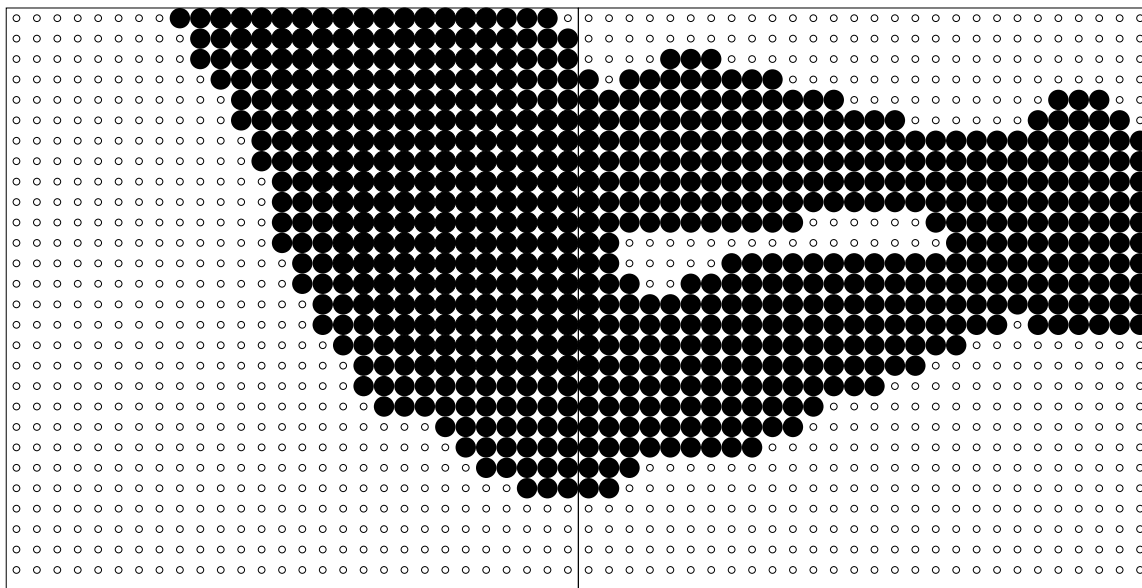
Ball Carrier  
Section 3



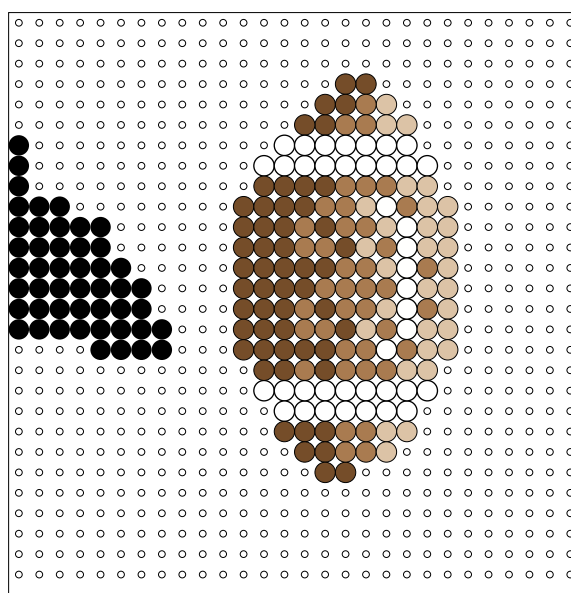
Receiver  
Section 1



## Receiver Section 2



## Receiver Section 3



## MINI BEADS FUSING INSTRUCTIONS—Only Adults Iron



1. Place your pegboard on a flat, heat-safe surface.
2. Set a household iron to the medium setting. Place ironing paper over the pegboard. In a circular motion, begin to iron the project. Do not press down with the iron. When ironed properly, the beads will still have an open center. Let the design cool.
3. Remove the paper and bead design from the pegboard. Flip the design over to expose the non-fused side. Repeat step two. Let cool completely.

Mini Beads need heat for about 10 seconds per side to fuse evenly. Depending on the size of the project, additional heating time may be required.