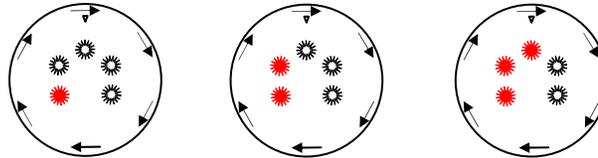


Hit Wheel
2 1/2 inch diameter

STEP 1: HIT WHEEL CONSTRUCTION

1. Print Hit Wheel Sheets on white card stock, cut out. You'll need 1 wheel per ship.
2. For each ship, use a red pen to color the appropriate bursts as numbered at left: Battleships – Color Burst 5 only, Heavy and Light Cruisers – Bursts 4 and 5, Destroyers – Bursts 3, 4, and 5. Leave other respective bursts white. See examples below.
3. Optional: After coloring bursts, color the wheel background black.

Construction tip: you can print the wheels on paper, but putting them on card stock makes them easier to turn.



STEP 2: DARKNESS TENT CONSTRUCTION

1. Cut 4"x2" rectangles from black construction paper, or use the template at left and hand color black. You will need one tent for each ship.



STEP 3: SEARCHLIGHT TAB CONSTRUCTION

Both pre-colored and blank tabs are provided on the Searchlight Tabs Sheet. Either may be used.

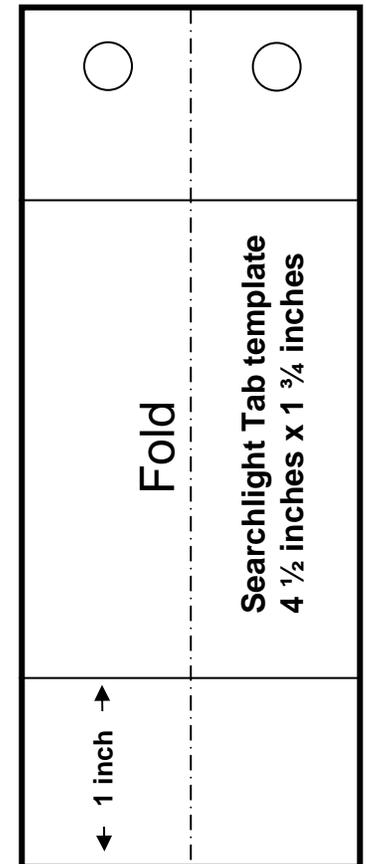
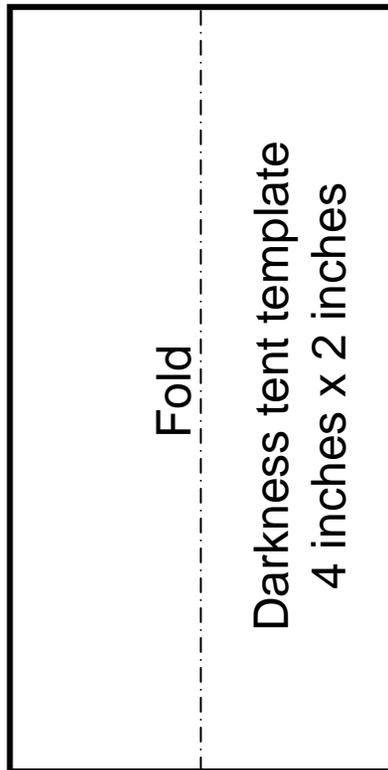
1. Print Searchlight Tabs on white paper, cut out and fold in half with white circle showing on each side. You will need one tab for each ship.

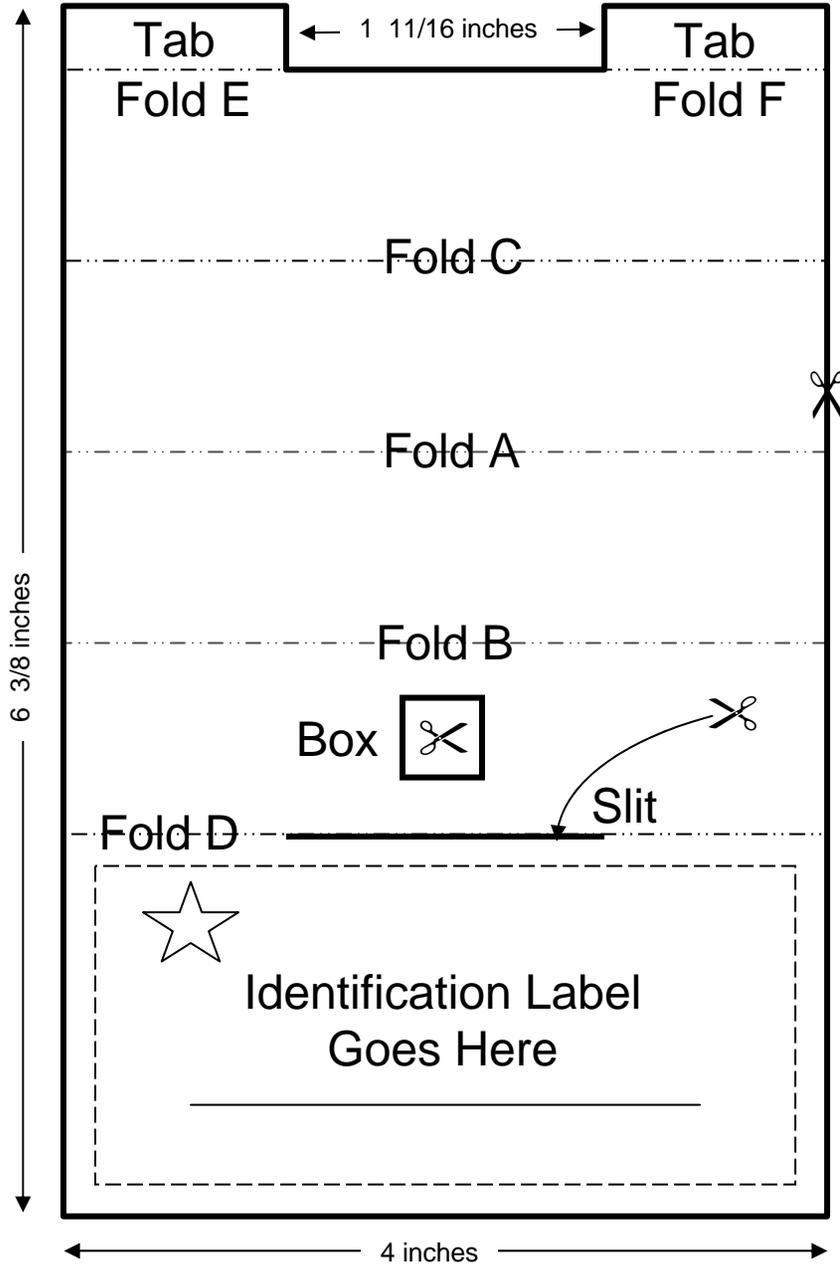
OR

If using the uncolored half of the sheet, print tabs and hand color ends black, leaving circle uncolored (white).

OR

Use the template at right to cut tabs out of black construction paper. Using a hole punch, punch out circles from white paper and glue in place to form spot.





Instructions 2

STEP 4: BASE CONSTRUCTION (Using Black Paper for Bases)

1. Cut template at left out of card stock. Only cut on bold lines! Cut out Box and carefully cut along Slit. Using template, trace pattern onto black construction paper; cut out. Don't forget the Box and Slit.
2. Print Ship Base pages on white paper. **TIP: You may have to adjust the brightness and/or contrast to get the desired degree of visibility for the ship image. Don't rely on the image you see on your monitor.**
3. Cut out the Ship Identification Label from the white paper base and glue on black construction paper base as indicated. Write in name of ship and if desired, color insignia (Red sun, Blue star).
4. Make a peak at Fold A, and valleys at Folds B, C. Use the edge of a ruler to help make straight folds. See Fig. 1.
5. From underneath, slip the Hit Wheel through the slit so that the bursts can be seen through the Box. See Fig. 1.
6. Fold D/bottom panel down and under, sandwiching the Hit Wheel in place. See Fig. 2.
7. Fold down Tabs at Folds E, F. Opposite side of Hit Wheel should stick out between the tabs; check that it rotates freely. Trim edges of Tabs or lengthen slit as needed. See Fig. 2. Tape Tabs in place against bottom panel. Spin wheel to start position (small triangle on wheel visible at edge of base on side opposite from Box).
8. Cut out ship silhouette portion from white bases, fold in half and glue over top peak. See Fig. 3. Discard the remainder of the white paper base.
9. Slip a folded Searchlight Tab beneath and in between Fold A so that the white spot is concealed and drop a Darkness tent over ship. See Fig. 4.

STEP 4a: BASE CONSTRUCTION (Using White Paper for Bases)

1. Print Ship Base pages on white paper. **TIP: You may have to adjust the brightness and/or contrast to get the desired degree of visibility for the ship image. Don't rely on the image you see on your monitor.**
2. Cut out base along outside edges following example at left. Don't forget the Box and Slit.
3. Write in name of ship on the line provided, and if desired, color insignia (Red sun, Blue star).
- 4 – 7 Same as above.
8. Slip a folded Searchlight Tab beneath and in between Fold A so that the white spot is concealed and drop Darkness tent over ship. See Fig. 4.

Fig. 1

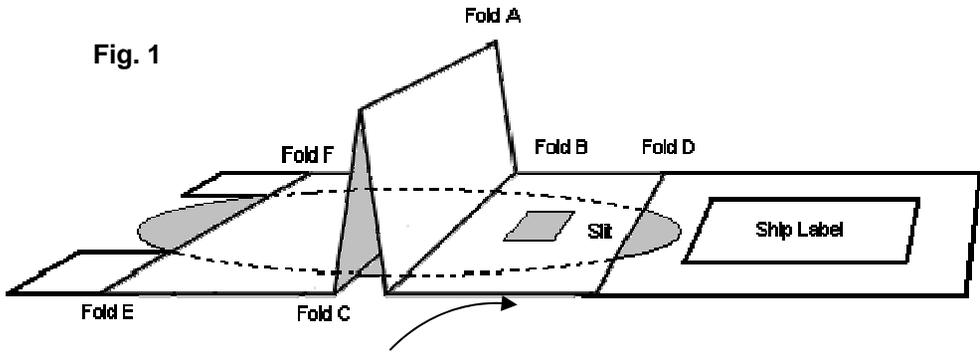


Fig. 2

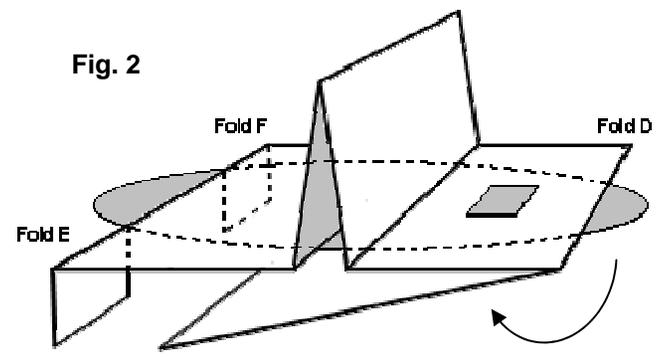


Fig. 3

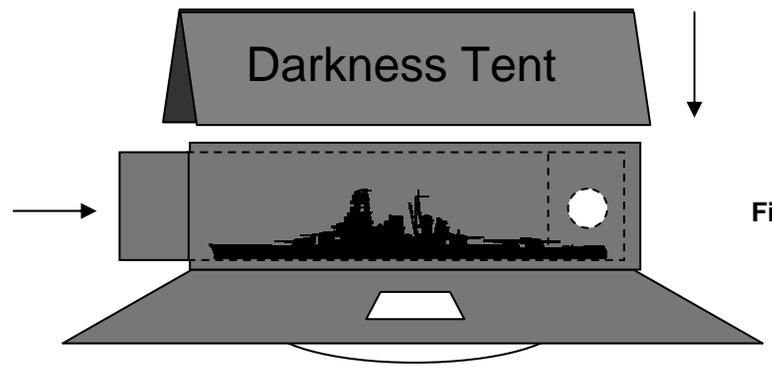
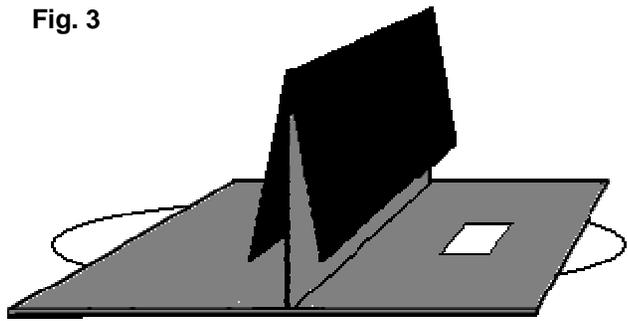
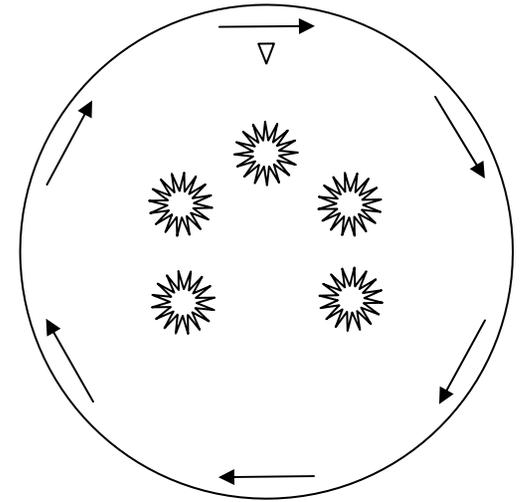
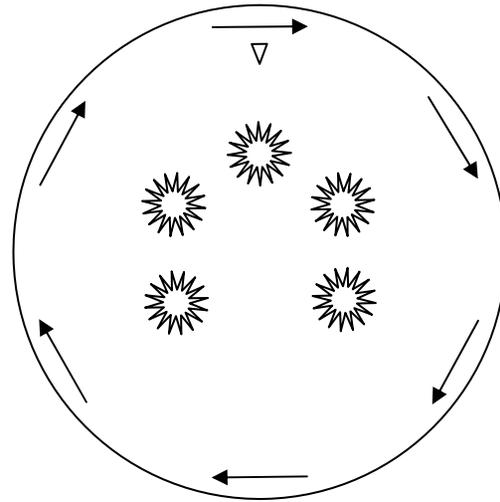
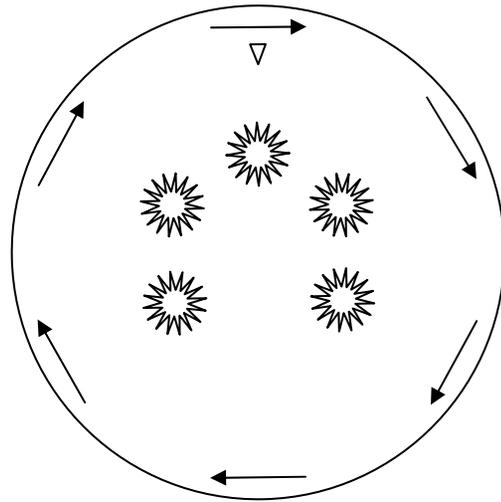
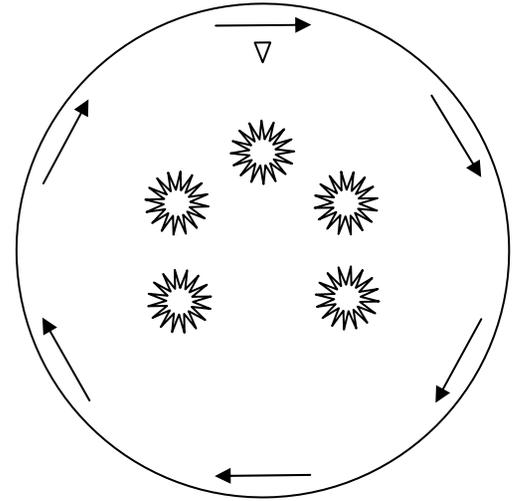
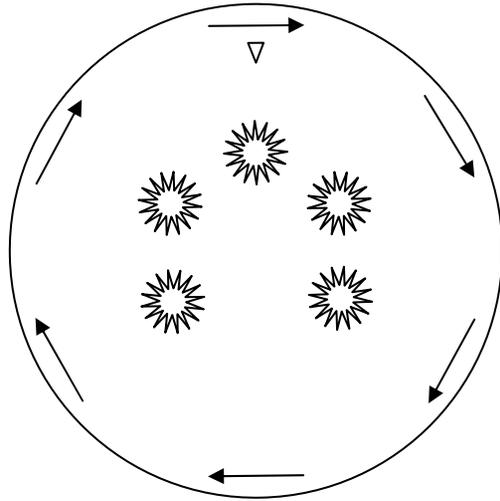
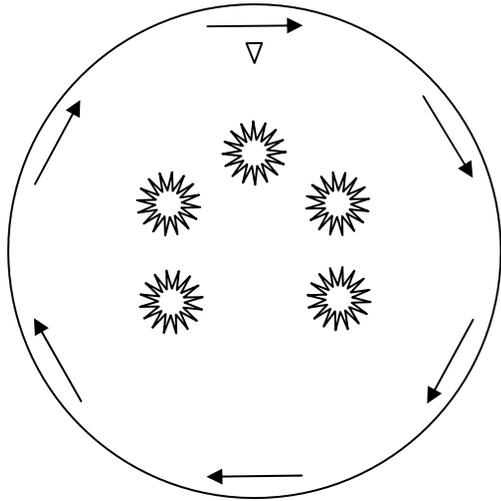
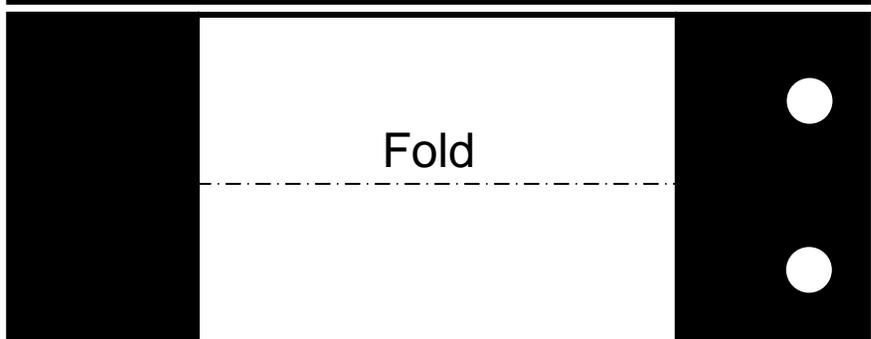
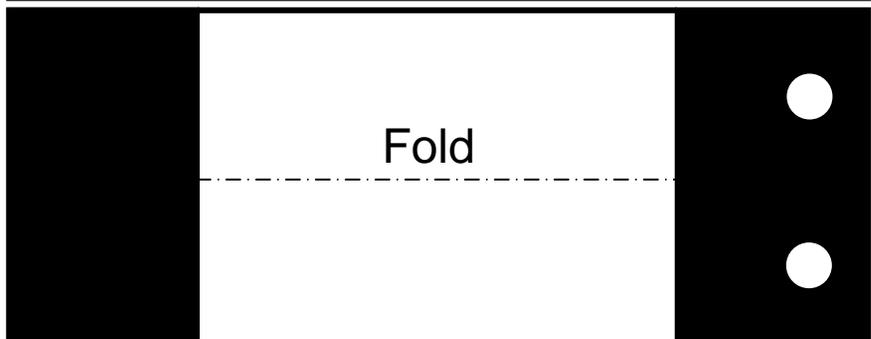
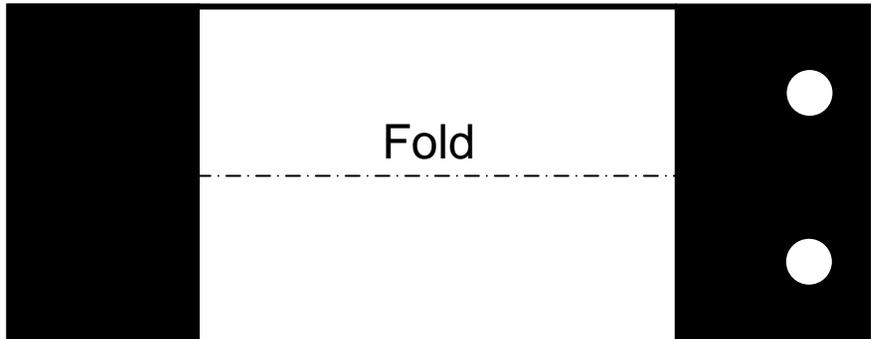
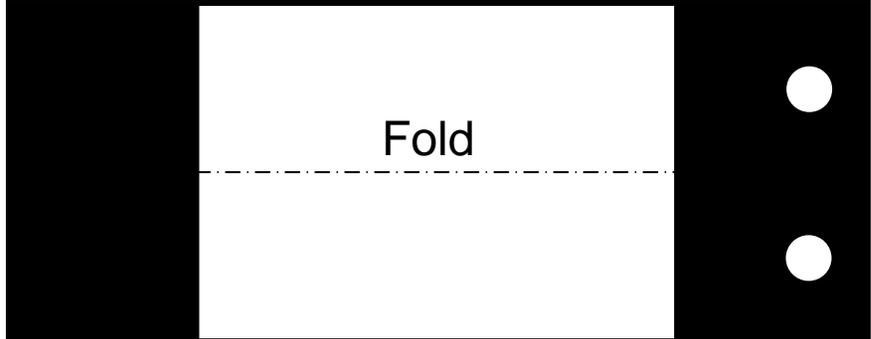


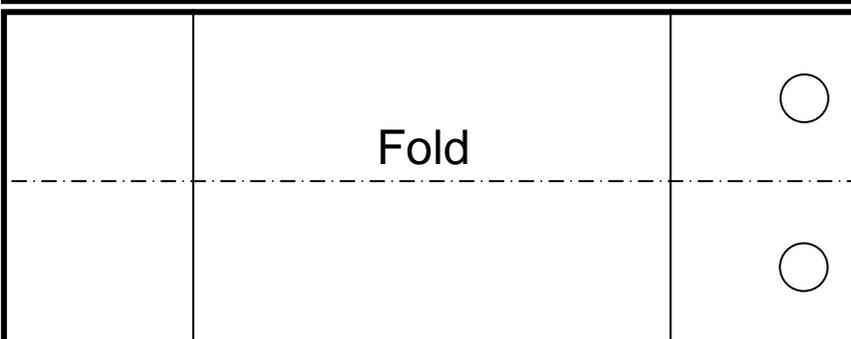
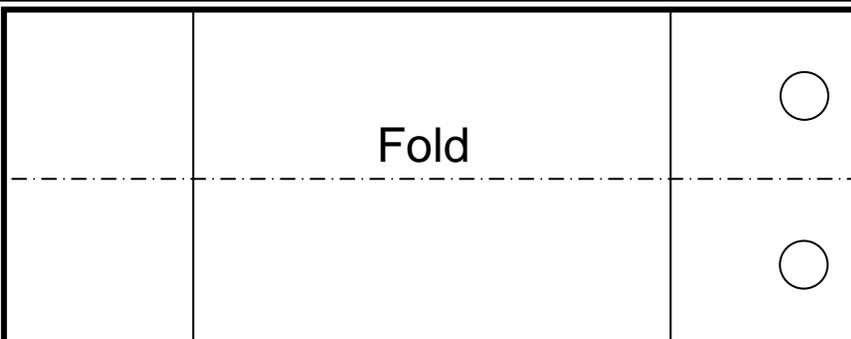
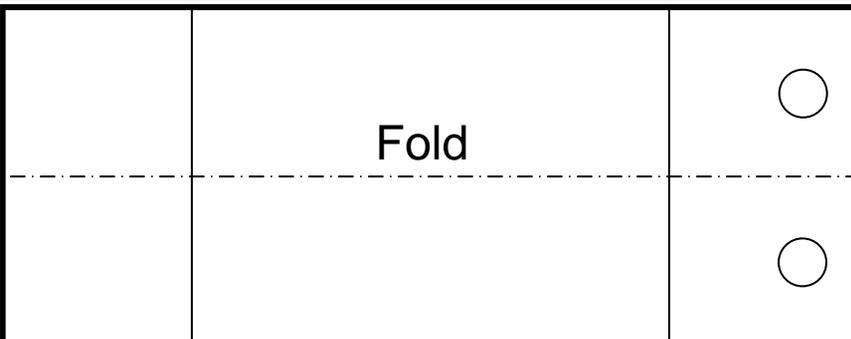
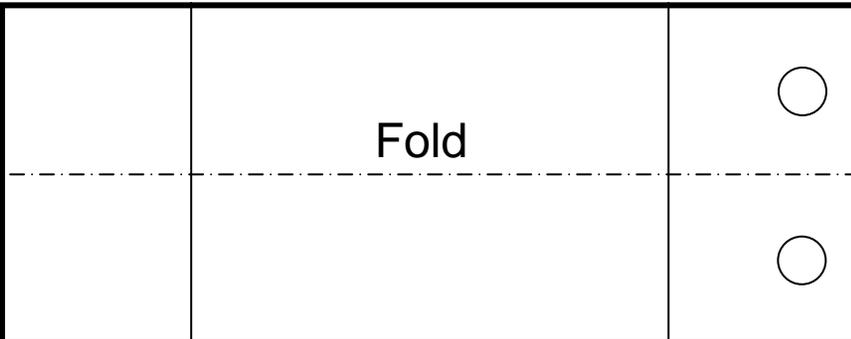
Fig. 4

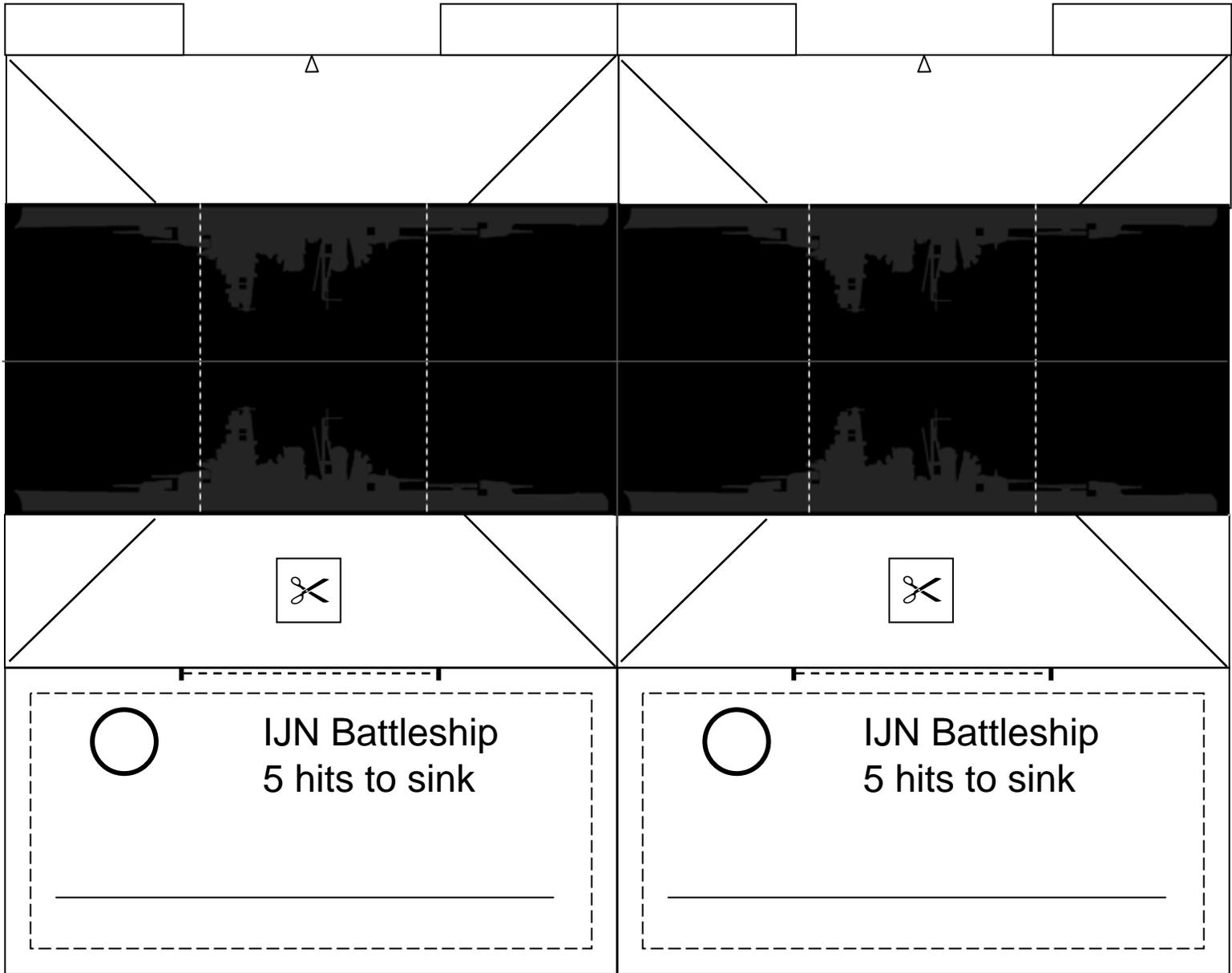


Hit Wheels

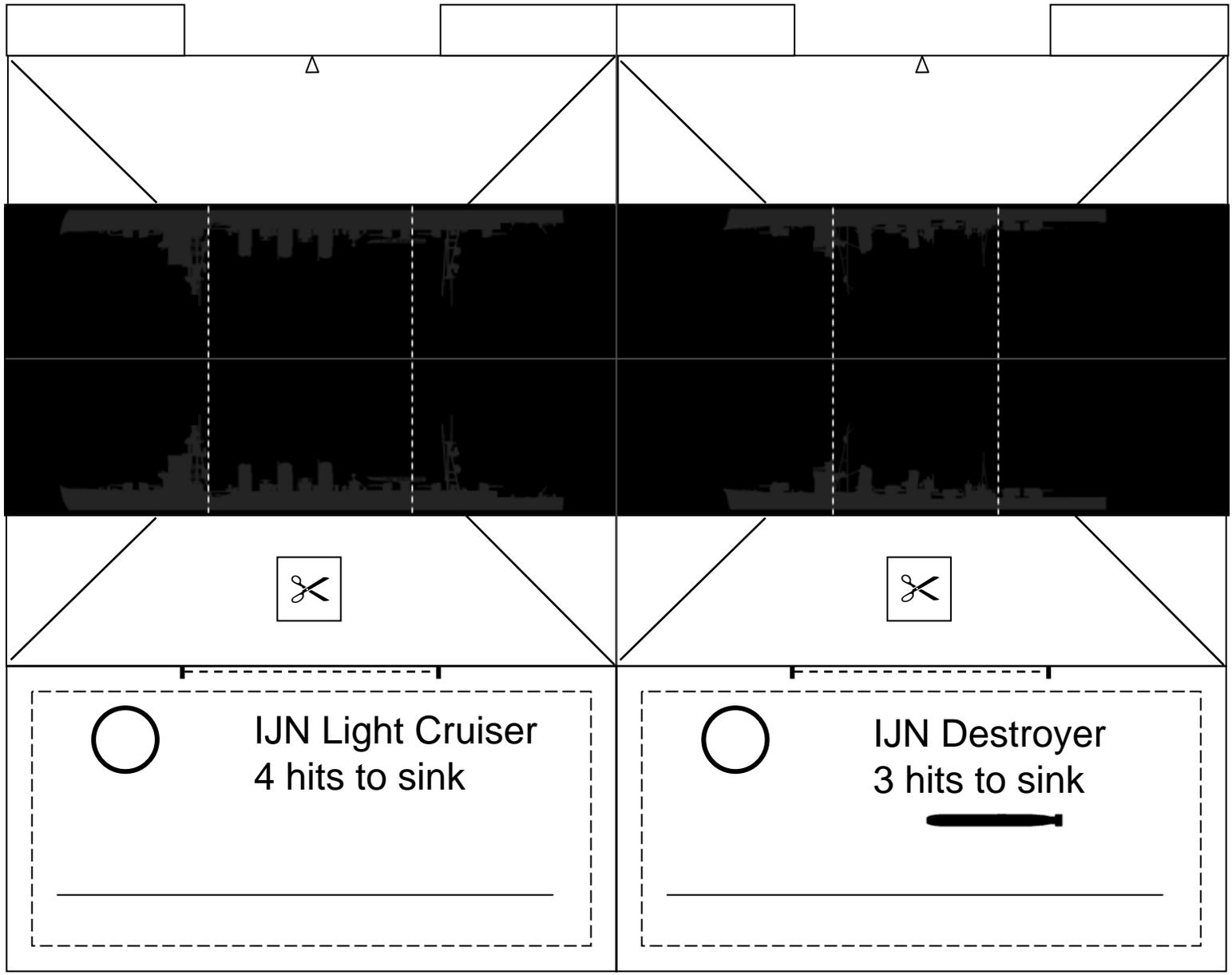


Searchlight Tabs

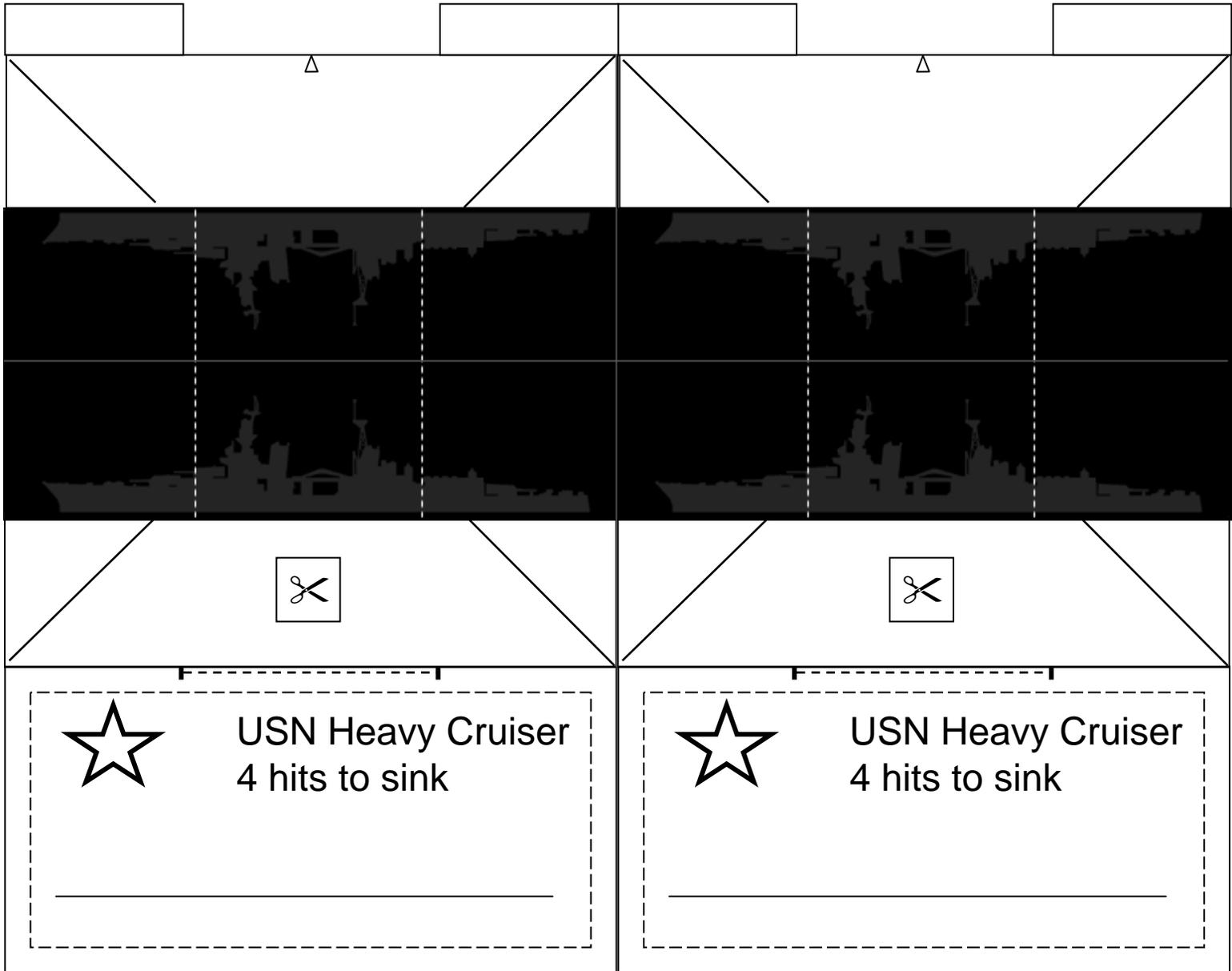




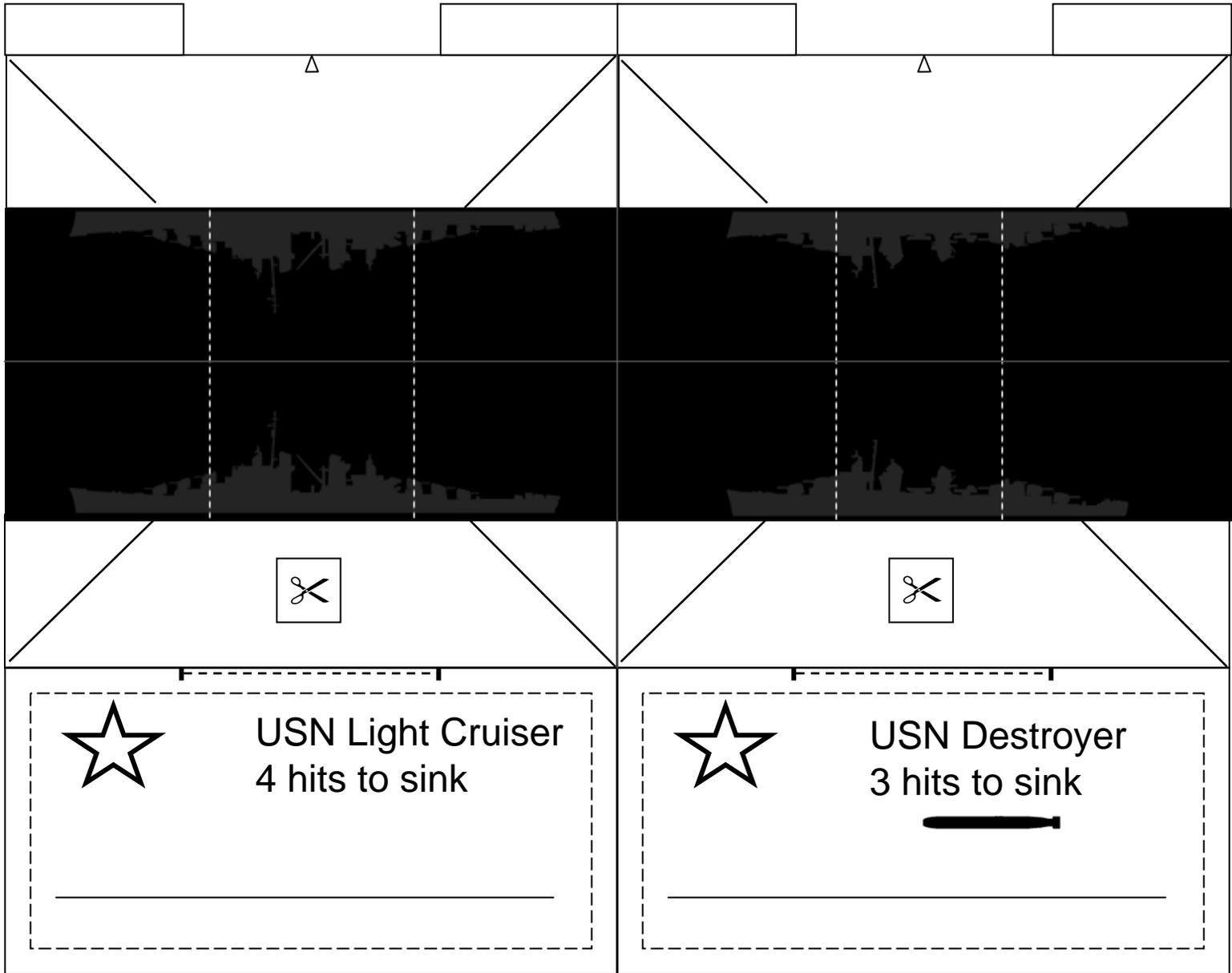
IJN Ship Base 1



IJN Ship Base 2



USN Ship Base 1



USN Ship Base 2