

Iris

Created by Aaron Krerowicz

Difficulty: Hard

This pattern (and many others) may be downloaded for free at www.AaronKrerowicz.com

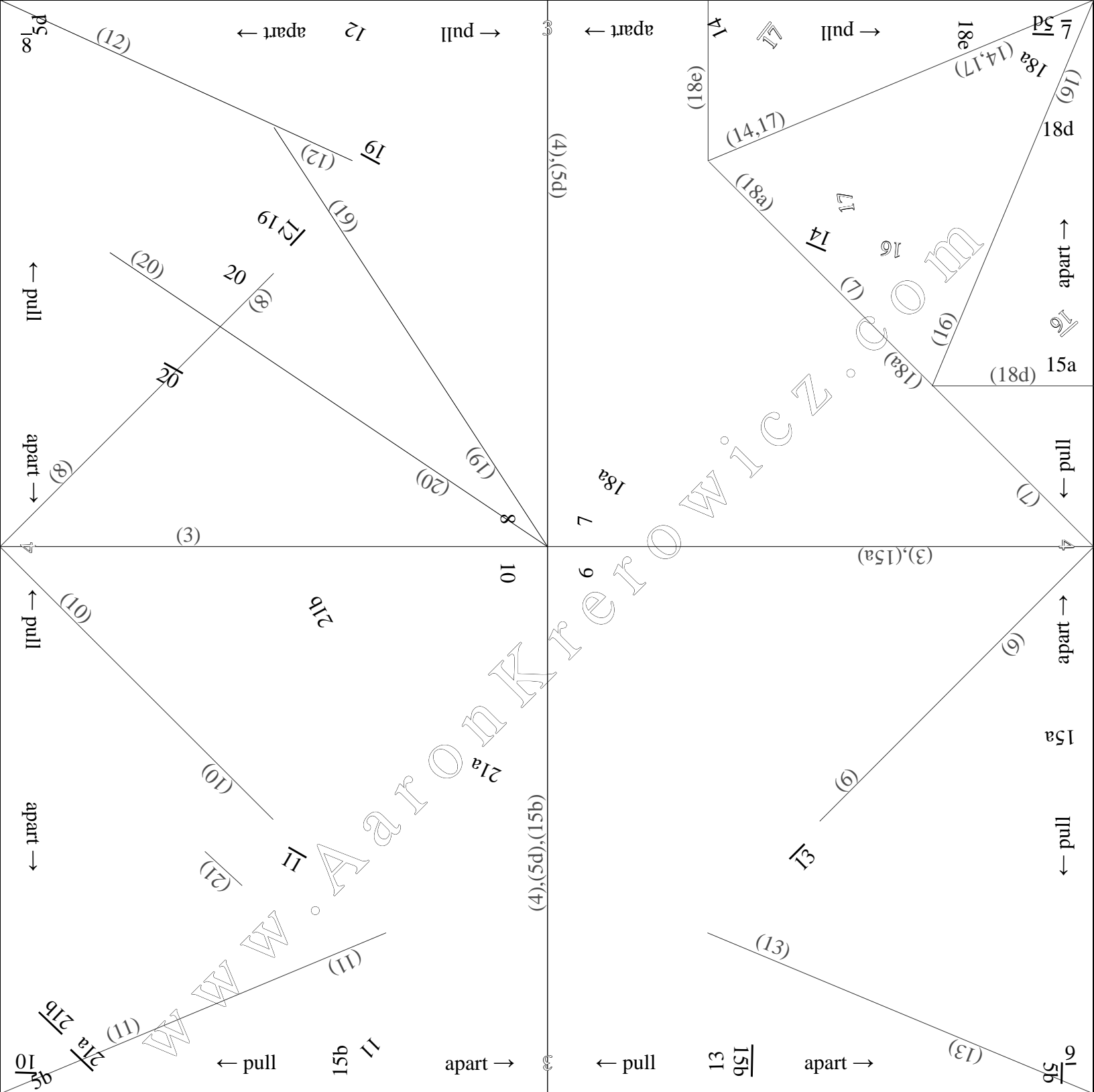
GENERAL RULES

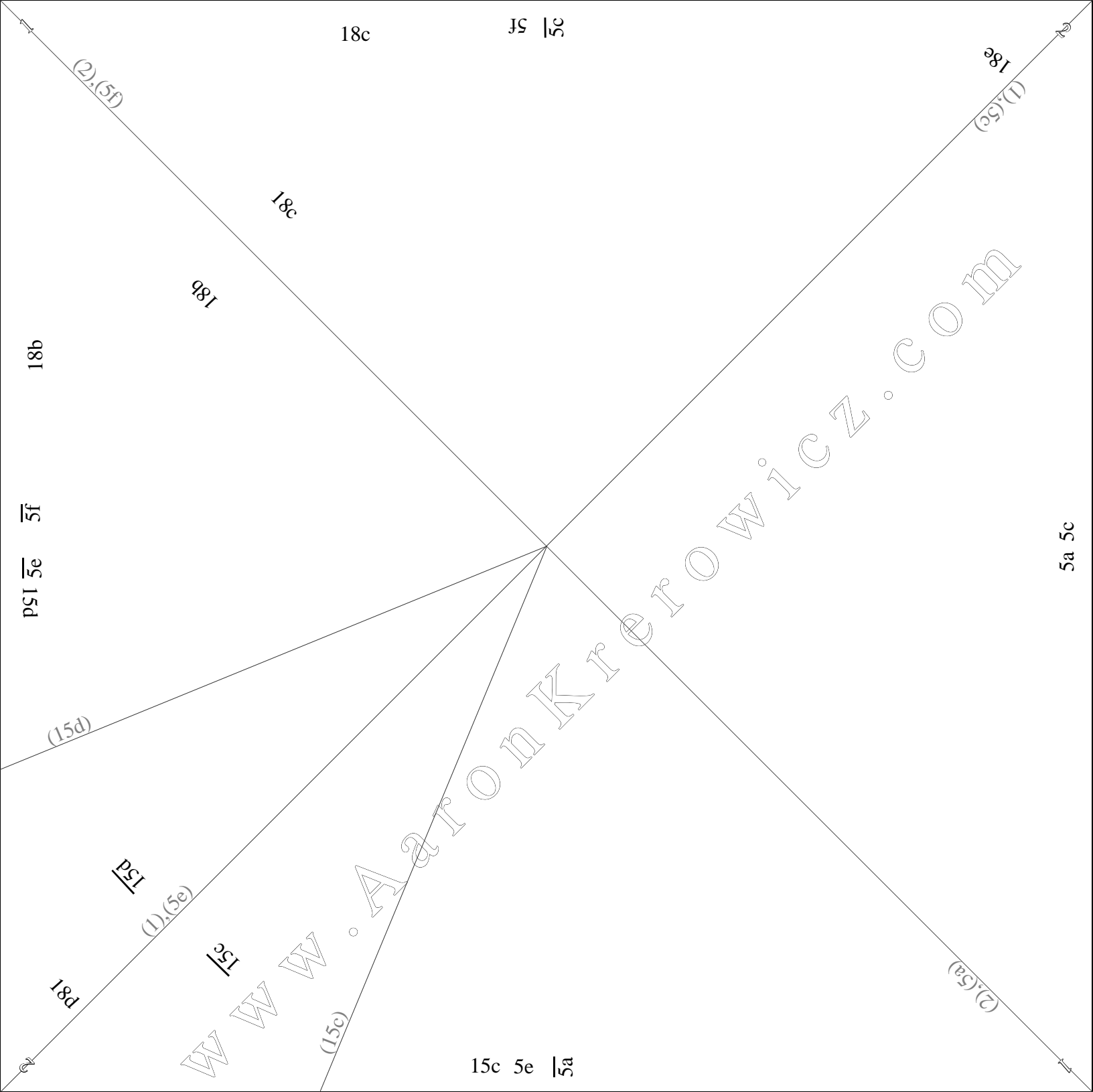
The solid black perimeter lines indicate where to cut the paper. The cut-out should be square.

Fold the paper so 1 touches 1, 2 touches 2, 3 touches 3, et cetera. Occasionally numbers will be supplemented with letters (ex: 7a and 7b). These indicate multiple points that need to touch in a single fold (ex: 7a must touch 7a, and 7b must touch 7b simultaneously).

Outlined numbers (ex: 1) are to be folded, creased, and unfolded. Overlined numbers (ex: $\overline{1}$) indicate that only the top layer of paper (and not all layers) are to be folded.

The gray lines and accompanying numbers in parentheses illustrate where each fold should crease the paper. After making each fold, double check that you did it correctly by unfolding it and ensuring the crease is in the right place.





Fold $\bar{1}$ to $\bar{1}$, crease, and unfold.
 Fold $\bar{2}$ to $\bar{2}$, crease, and unfold.
 Fold $\bar{3}$ to $\bar{3}$, crease, and unfold.
 Fold $\bar{4}$ to $\bar{4}$, crease, and unfold.

Fold $\bar{5a}$ to $\bar{5a}$, $\bar{5b}$ to $\bar{5b}$, $\bar{5c}$ to $\bar{5c}$,
 $\bar{5d}$ to $\bar{5d}$, $\bar{5e}$ to $\bar{5e}$ and $\bar{5f}$ to $\bar{5f}$.
 Press flat.

Fold $\bar{6}$ to $\bar{6}$.
 Fold $\bar{7}$ to $\bar{7}$.
 Fold $\bar{8}$ to $\bar{8}$.

Fold 9 does not exist.

Fold $\bar{10}$ to $\bar{10}$.
 Fold $\bar{11}$ to $\bar{11}$.
 Fold $\bar{12}$ to $\bar{12}$.
 Fold $\bar{13}$ to $\bar{13}$.
 Fold $\bar{14}$ to $\bar{14}$.

Undo folds 14-6.

This one is tricky: Fold $\bar{15a}$ to $\bar{15a}$, and $\bar{15b}$ to $\bar{15b}$. Press flat, ensuring that $\bar{15c}$ touches $\bar{15c}$, and $\bar{15d}$ touches $\bar{15d}$. Repeat this same fold on the 3 other sides (unnumbered).

Fold $\bar{16}$ to $\bar{16}$, crease, and unfold. Fold $\bar{17}$ to $\bar{17}$, crease and unfold.
 Fold $\bar{18a}$ to $\bar{18a}$, $\bar{18b}$ to $\bar{18b}$, $\bar{18c}$ to $\bar{18c}$, $\bar{18d}$ to $\bar{18d}$, and $\bar{18e}$ to $\bar{18e}$. Repeat steps 16-18 on all 3 remaining sides (unnumbered).

Fold $\bar{19}$ to $\bar{19}$, and $\bar{20}$ to $\bar{20}$. Repeat on other 3 sides (unnumbered).
 Fold $\bar{21a}$ to $\bar{21a}$, $\bar{21b}$ to $\bar{21b}$. Repeat on other 3 sides (unnumbered).

Gently pull apart where indicated on all four sides.
 Lastly, roll each petal around a pencil to curl.