

## Calculating the Start Page

Rarely if ever will a book have the exact number of pages specified by a pattern, so you will need to calculate where to begin measuring, marking, and folding. The formula centers the design in the book. It leaves any extra, unfolded pages intact on either side of the image in equal amounts, so they become part of the finished design.

Use the following formula to calculate the start page and center the pattern in the book.

For this example, let's suppose your pattern has 150 Folds, so it requires a book with at least 300 numbered pages. You've bought one that has 350 numbered pages.

Write down the last numbered page in the book — in this case, 350. Subtract the numbered pages required in the pattern — in this case, 300.  $350 - 300 = 50$ . 50 is the amount of extra numbered pages that will be leftover in your book after you've finished folding. To center the pattern, divide 50 by 2, which equals 25. Page number 25 is your start page.

$$\begin{array}{r} 350 \text{ (last numbered page in book)} \\ -300 \text{ (numbered pages in pattern)} \\ \hline 50 \text{ (extra pages)} \\ \div 2 \\ \hline \end{array}$$

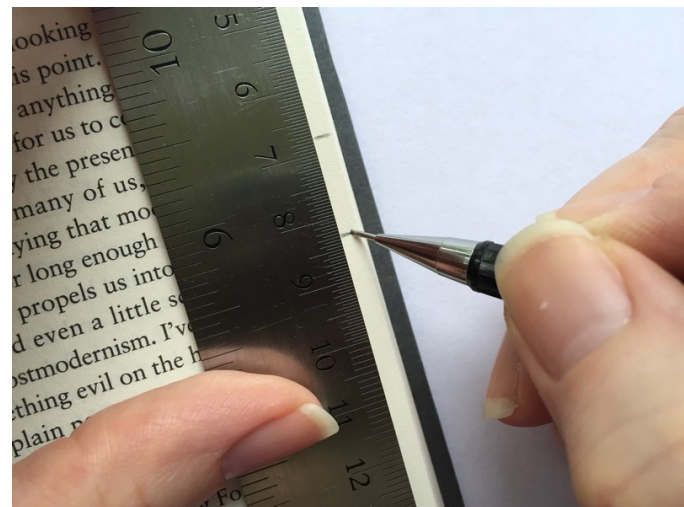
Begin measuring, marking, and folding on page number 25.

What if your book has a Forward or Introduction numbered with Roman numerals? If these introductory sections have 10 or fewer numbered pages, ignore them. But some Forwards and Intros may have as many as 30 or 40 numbered pages, in that case, after figuring the start page as usual using the formula above, write down the last numbered page of the Forward or Introduction. Divide that number by 2. Count that amount of numbered pages backwards from the original start page you calculated. The page you end up on will be your new start page.

After calculating the start page, position the book. Lay it on a surface in front of yourself as if to read it. Open the book to the start page, and slide your elastic band over the front cover and any extra pages that won't be folded.

Align the “0” (zero) of your metric ruler with the top edge of the start page, about 3 mm back from the outside edge.

Make sure the zero on the ruler lines up with the top edge of the page.



Find Fold 1. Make the first mark just in front of the ruler, according to the “1st Measurement (cm)” of Fold 1. Without lifting the ruler, make the second mark on the same page according to the “2nd Measurement (cm)” of Fold

The pencil marks should reach almost to the edge of the page. If you mark all the way to the edge, the marks will show on the outside edge of the page and make the finished design unattractive.

Turn the page, and tuck it under the elastic band to hold it out of the way.



Line up your ruler again with “0” (zero) at the top edge, and mark the two measurements of Fold 2. I Check off the measurements, lift the ruler, turn the page, and tuck it under the elastic band. Repeat with Folds 3, 4, 5, and so on until you’ve marked about 25 Folds.

Now return to your first marked page and begin folding. Slide all the marked pages out from under the elastic band. On the first marked page, place the edge of one end of the ruler against the spine at the top of the book. Place the opposite edge of the other end of the ruler on the first (top) mark you made, at the page's edge. The ruler may need to cover the mark completely, so that the point of the folded paper ends up exactly on the mark.

Fold the paper downwards over the ruler, scoring it lightly with your finger and keeping the paper snug against the ruler.



Repeat this process on the second mark you made. Place the edge of the ruler against the spine at the bottom of the book. Place the opposite edge of the other end of the ruler on your second (bottom) mark at the edge of the page. The ruler may need to cover the mark completely so that the folded point ends up exactly on the mark.



Fold the paper upwards over the ruler, scoring it lightly with your thumb and keeping it snug against the ruler.

Turn the page, tuck it under the elastic band, and continue folding the remaining marked pages.

Continue measuring, marking, and folding the 25 pages at a time, until you reach the end. Congratulations! You've created a beautiful piece of book art to keep for yourself or give to someone special.