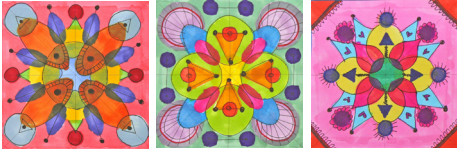


tile designer



Print on card stock for best results.

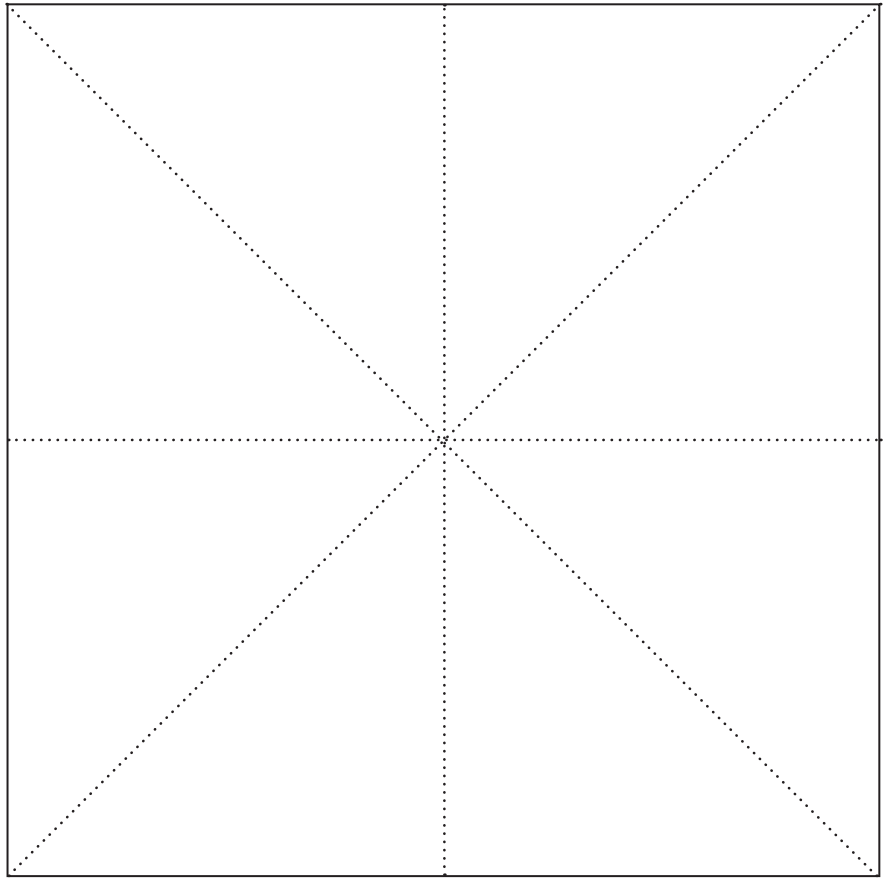
instructions:

1. Cut out stencil and ruler along thick solid lines.
2. Fold stencil along dashed line A. Cut out shapes along solid lines. Unfold.
3. Repeat Step 2 with lines B-E.
4. Using the stencil, trace shapes on the tile on each side of an axis.
5. Color shapes.
6. Use ruler to add lines and details.
7. Cut out tile and display!

learn about geometry

An **axis** is a straight line around which geometric figures rotate. Each dotted line on the tile template is an axis.

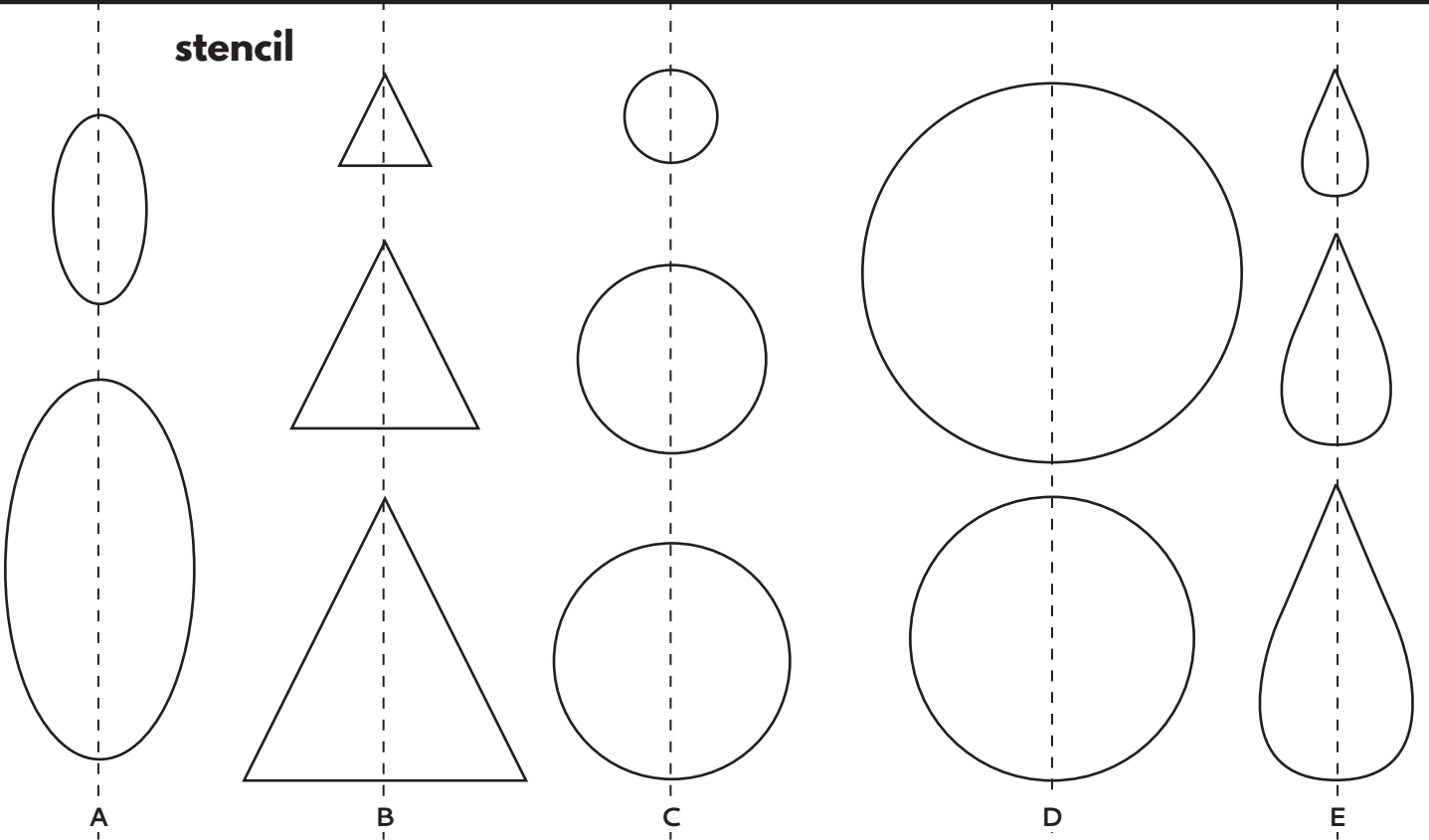
Symmetry is the agreement of the position of an object or pattern on either side of an axis. Design your pattern so that the shapes are symmetrical on either side of each axis.



tile

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stencil



1

ruler

2

3

4

5

6

7

8