

Mr. G. 's Math Marvels

Handout 31 Congruence and Similarity

Figures that have the same shape and size are called **congruent**. Figures that have the same shape but different sizes are called **similar**.

A and B below are **congruent**. They have the same size and shape. B has been rotated (turned), but it is still the same size and shape.

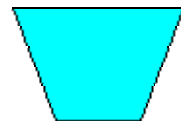


A



B

C and D are similar. They are the same shape, but a different size.

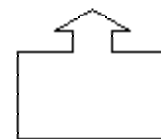
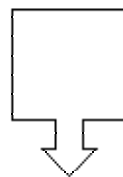
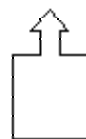
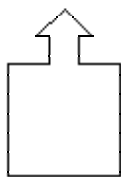
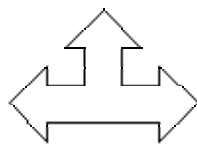
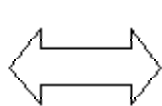


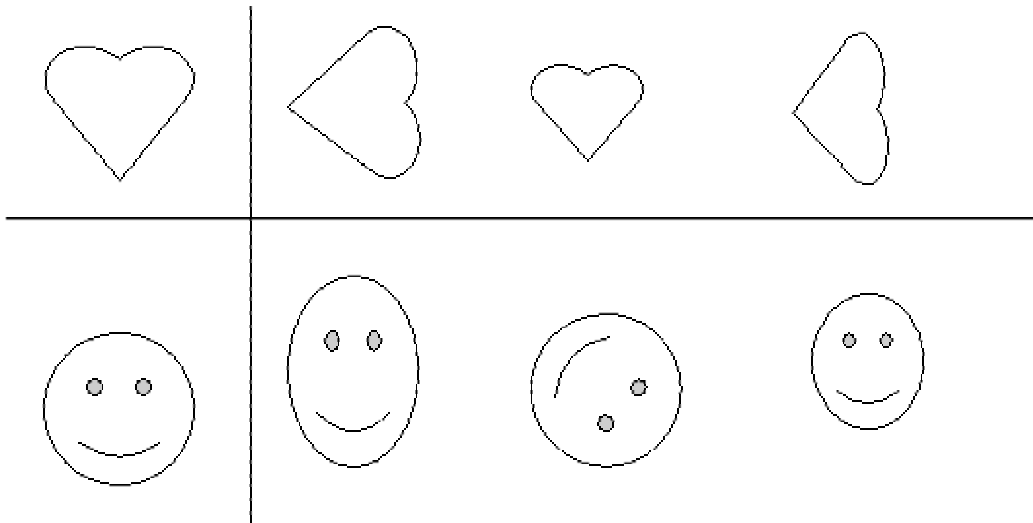
C



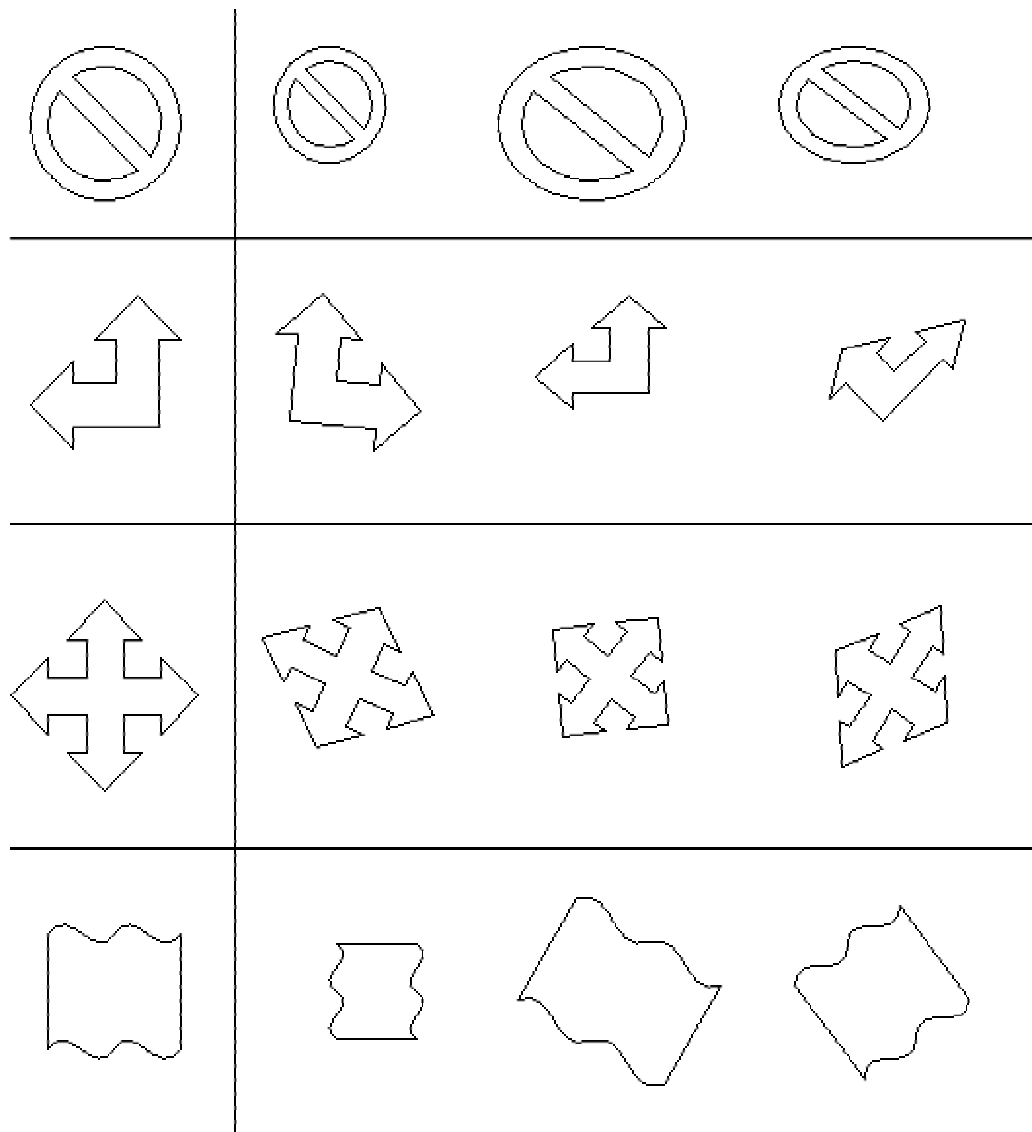
D

Color in the figure that is congruent to the first figure.





Similar figures have the same shape but a different size.
Color the figure that is similar to the first figure.



On the blank below each pair of figures write whether they are similar or congruent.

