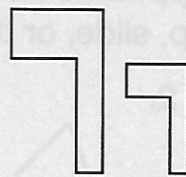


Congruent Figures and Motions

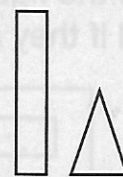
When two figures have the same shape and size, they are congruent.



Not congruent
Different size.

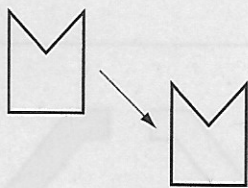


Congruent
Same size and shape.

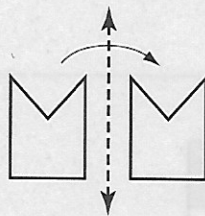


Not congruent
Different shape and size.

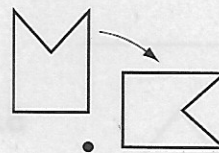
Figures can be moved in three ways: by slides, flips, or turns. When a figure is moved, its size and shape do not change.



Slide
Moves the figure in a straight direction.

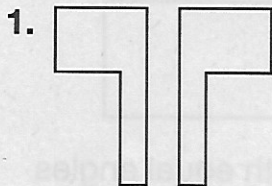


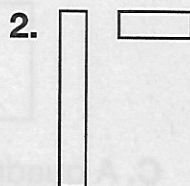
Flip
Gives the figure its mirror image. Sometimes the object looks the same after being flipped.

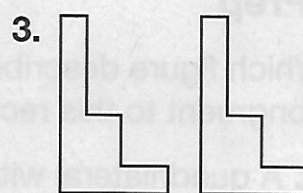


Turn
Moves a figure about a point.

Do the figures in each pair appear to be congruent? If so, tell if they are related by a flip, slide, or turn.







4. **Reasoning** Could the letters L and M ever be congruent? Explain.
