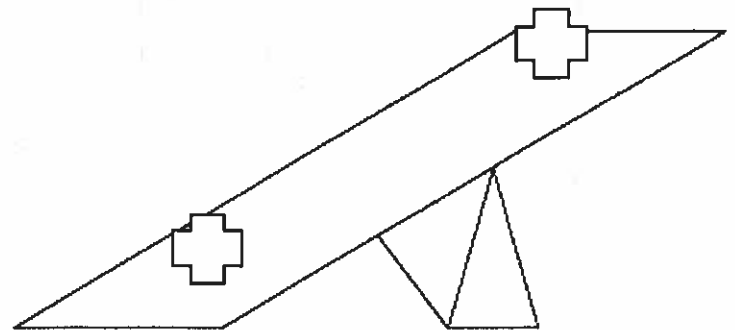
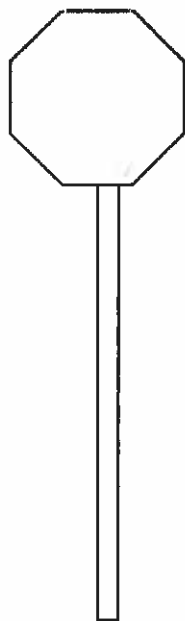
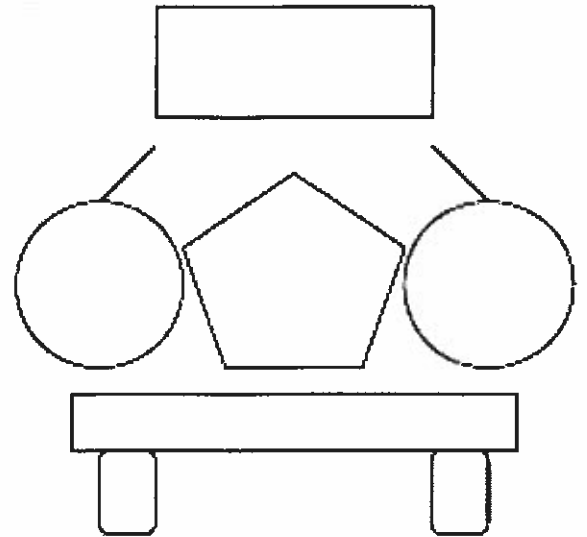
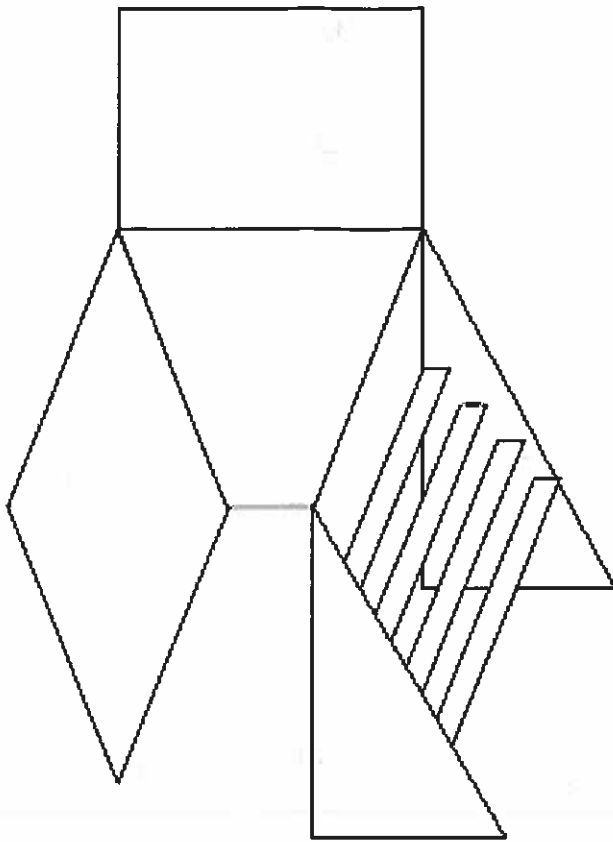
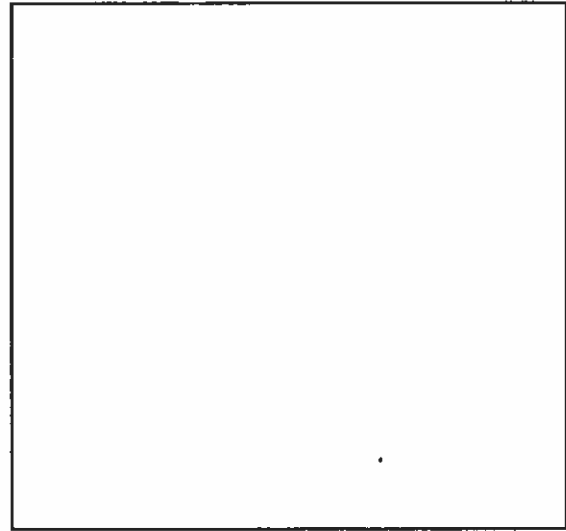
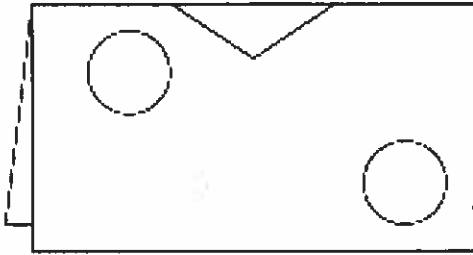


# Playground Fun



1. Examine the scene of the playground above. There are a lot of different shapes that make up the toys and play equipment. Draw, name, and describe clearly all the shapes you can see in the playground picture. *Answers may vary.*

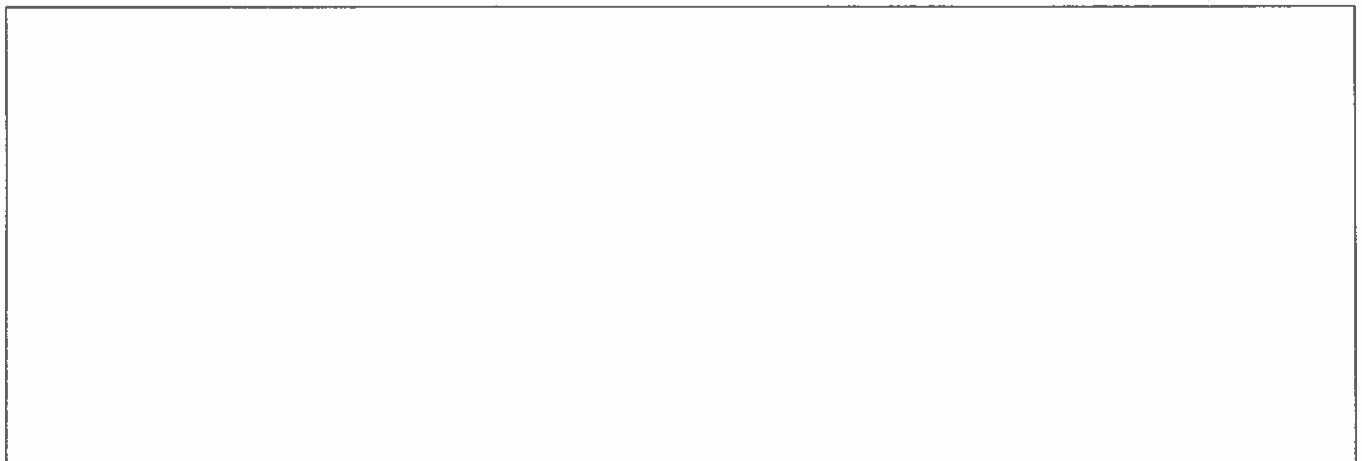
2. Lisa and Jim are drawing pictures to give to friends. Lisa made a drawing using different shapes and line of symmetry. She used the folded edge as the line of symmetry. Draw a picture of what the paper will look like when it is unfolded. *Answers may vary.*



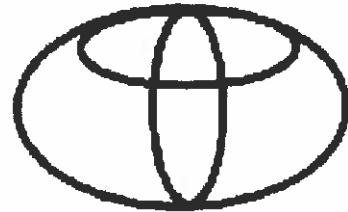
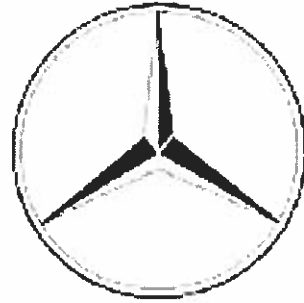
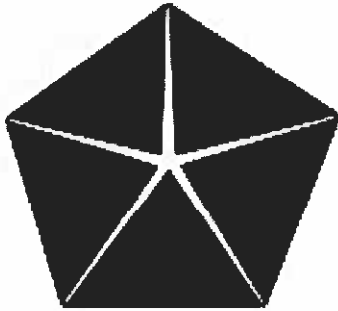
3. Jim made a drawing with 5 shapes in all. When it was finished, he noticed the following:
- his drawing had one line of symmetry
  - he drew 4 shapes that had 4 corners
  - he drew 1 shape that had 3 corners

Show what Jim's drawing could have looked like. Explain why you drew the drawing you did.

*Answers may vary.*



4. You work for a company in its marketing department. It is your job to create a new company logo. You have heard that having a logo with rotational symmetry is attractive and useful for potential customers. You look through a page of company logos. Which of the logos below have rotational symmetry? Explain your findings.



Explain why a logo with rotational symmetry is attractive and useful for potential customers.

*Answers may vary.*

Create a new logo with rotational for your company.

*Answers may vary.*

Illustrate all the line of symmetries of your logo. Justify why your logo has rotational symmetry. *Answers may vary.*