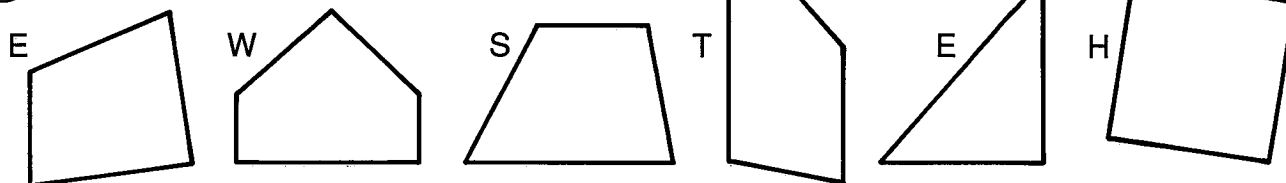# Why Was Cinderella Kicked Off the Baseball Team?

For each exercise, circle the letter of each figure that belongs in the category named. Arrange these letters to form a word. Then write this word on the line next to the name of the category.

(You may assume the following: sides that appear parallel are parallel; sides that appear perpendicular are perpendicular; sides that appear congruent are congruent.)
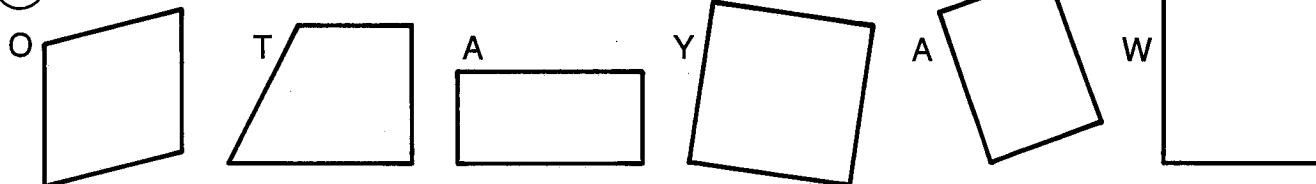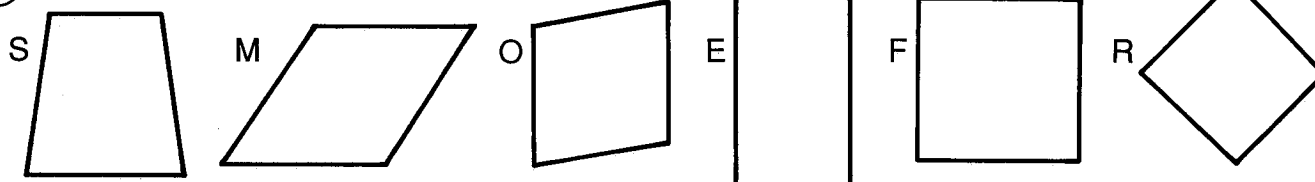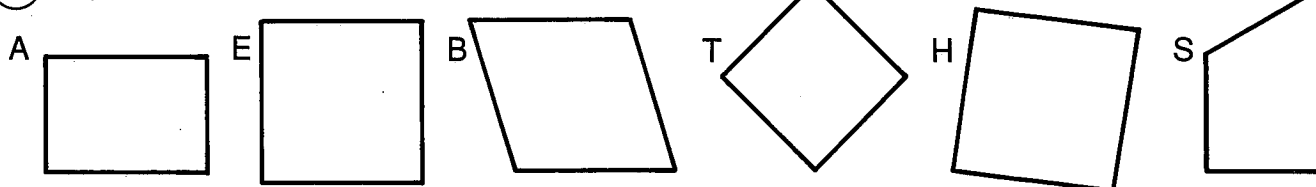
1. quadrilaterals: _____

   E   W   S   T   E   H

2. parallelograms: _____

   P   A   I   N   C   R

3. rectangles: _____

   O   T   A   Y   A   W

4. rhombuses: _____

   S   M   O   E   F   R

5. squares: _____

   A   E   B   T   H   S

6. trapezoids: _____

   A   G   L   B   I   L

D-38
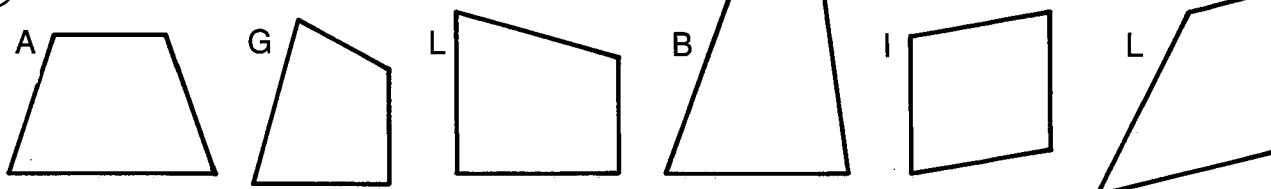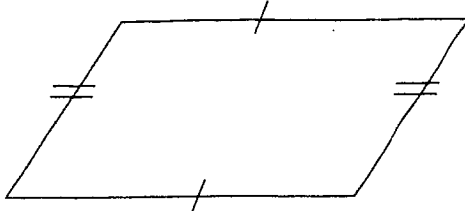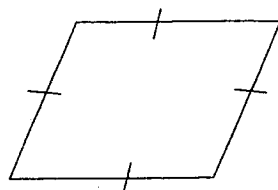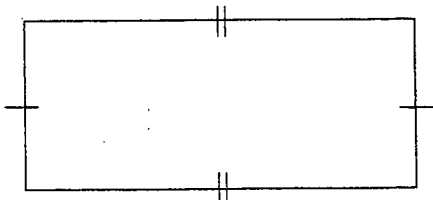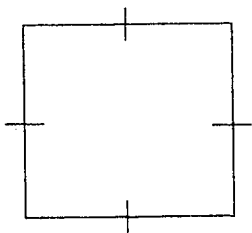
Classifying Quadrilaterals

A parallelogram is a polygon with <u>two pairs</u> of parallel sides. The opposite sides are equal in length.	
A rhombus has <u>four</u> congruent sides. ➡A rhombus is a parallelogram because it has <u>two pairs</u> of parallel sides.	
A rectangle has <u>four</u> right angles. ➡A rectangle is a parallelogram because it has <u>two pairs</u> of parallel sides.	
A square has <u>four</u> right angles. ➡A square is a parallelogram because it has <u>two pairs</u> of parallel sides. ➡A square is a rectangle because it has four right angles. ➡ A square is a rhombus because it has <u>four</u> congruent sides.	
A trapezoid has one <u>pair</u> of parallel sides.	