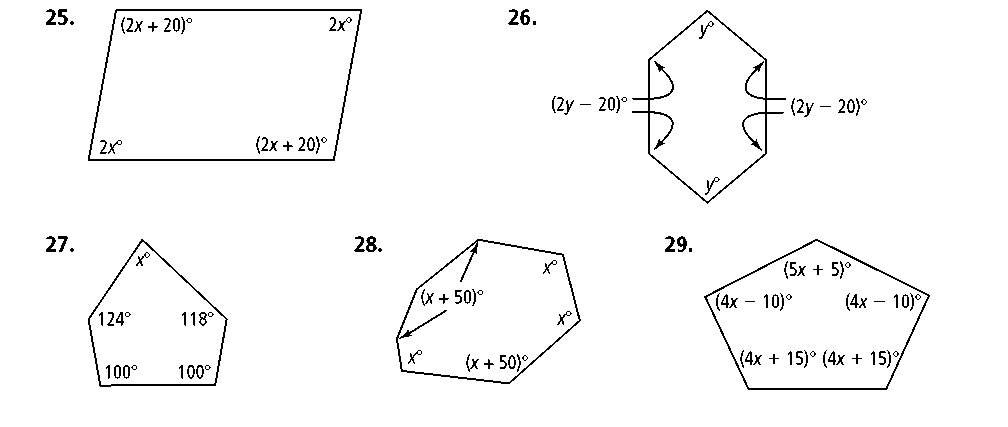
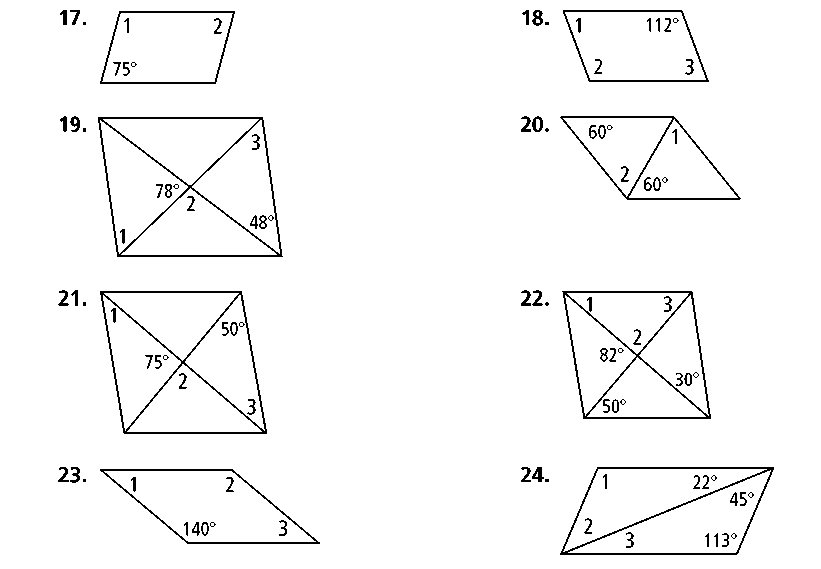
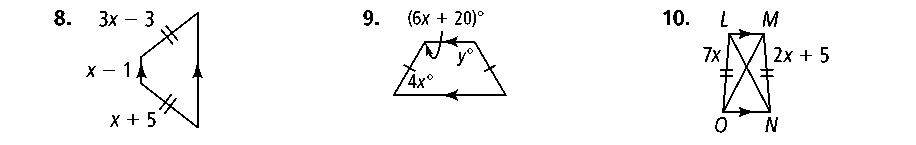
**HW: Solving Quadrilaterals Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

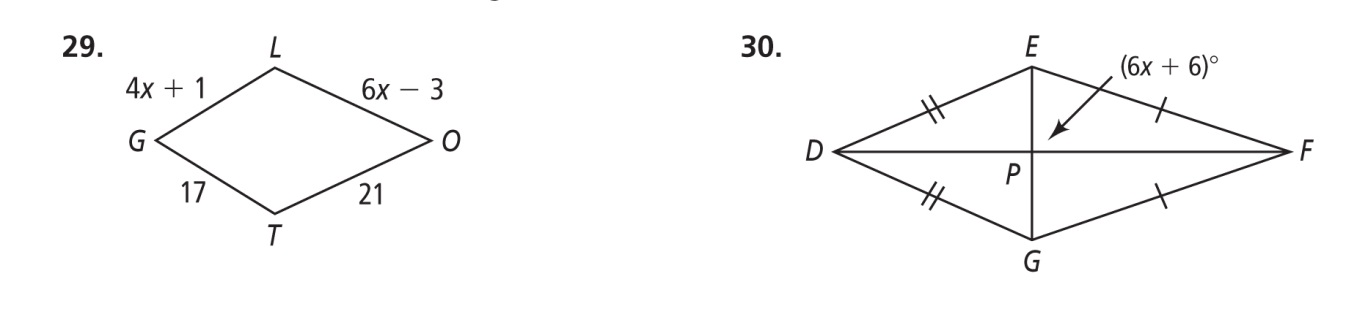
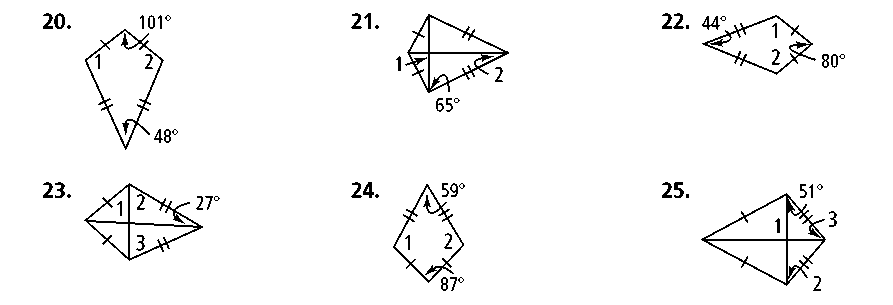
Use the properties of quadrilaterals to **identify the figure** and **solve for the missing variables or parts** in the figures below. Tell what properties you used.



1. 2.

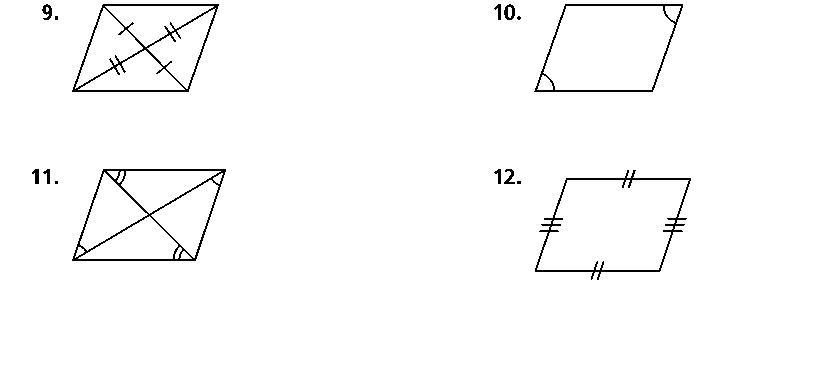


3. 4.



5. 6.

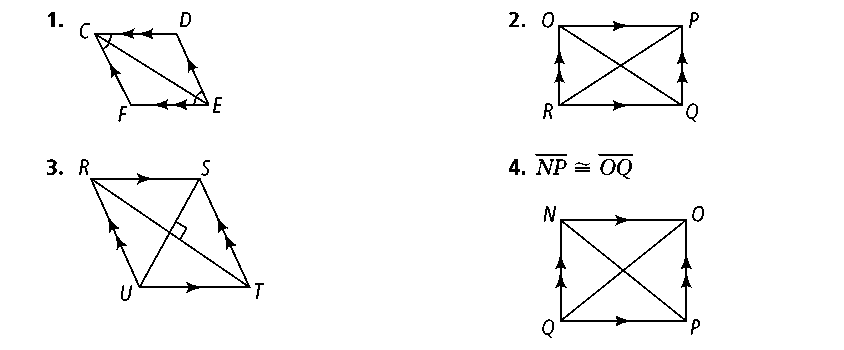
For problems 7-9, determine if there is enough information to conclude that the indicated shape is true. Explain why or why not.



1. Parallelogram

Yes No

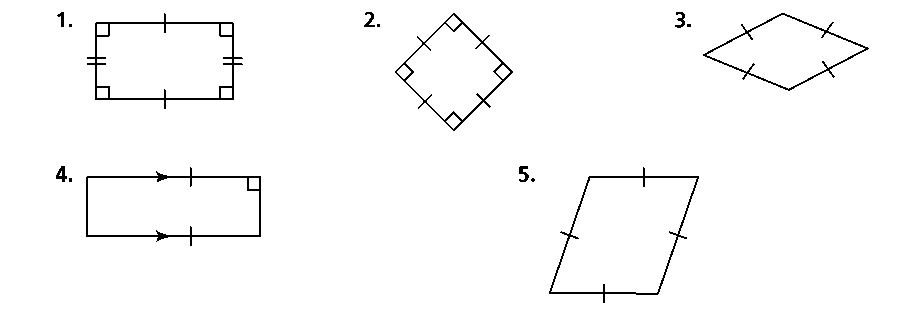
Why:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_



1. Square

Yes No

Why:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_



1. Rhombus

Yes No

Why:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Each of the types of quadrilaterals is shown below. Mark the images and write about what makes each of them different than any of the rest.

