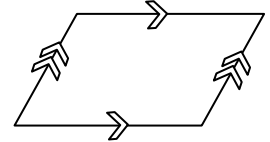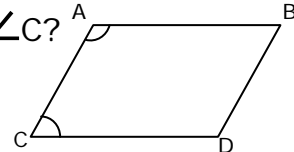Name _____   Date _____

Proof of Parallelograms - Independent Practice Worksheet

Complete all the problems. Make sure to draw pictures to help you solve the problems.
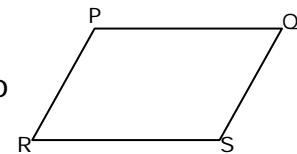
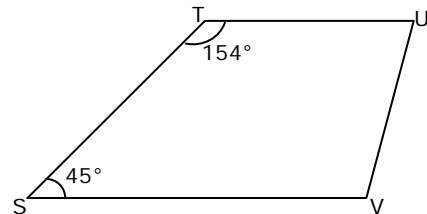1. Find if both pairs of opposite sides are parallel in this parallelogram?

2. ▱ABCD is a parallelogram. Find the sum of ∠A and ∠C?

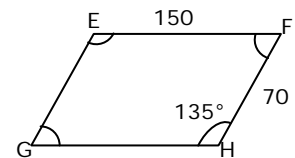3. ▱PQRS is a parallelogram. If angle ∠P and ∠R are supplementary angle, then find if ∠Q is supplementary to ∠P and ∠R both?
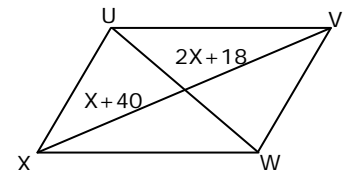
4. Is STUV a parallelogram?

5. Is ∠S and ∠T are supplementary angles?

6. What is the length of side EG and side GH in parallelogram EFGH?

7. What is the measure of E,F,G in parallelogram?

8. ▱ UVWX is a parallelogram. What is the value of x?

9. If the diagonals of a parallelogram ABCD bisect each other then AO = OD, CO= OB?

10. Is▱MNLO a parallelogram?