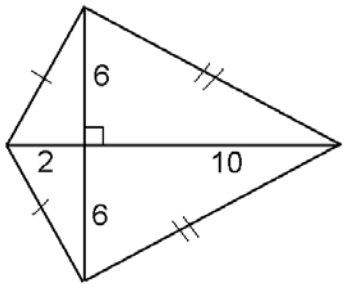
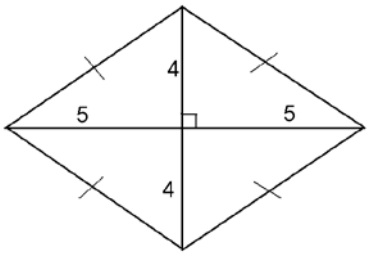
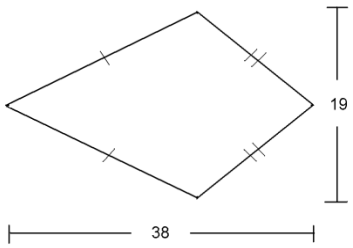
1. **Kite** or rhombus? Area = **72**



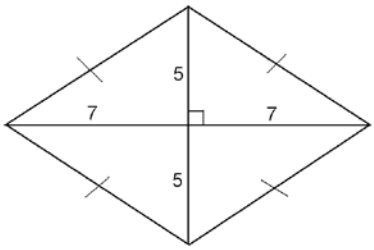
2. Kite or **rhombus**? Area = **40**



3. **Kite** or rhombus? Area = **361**

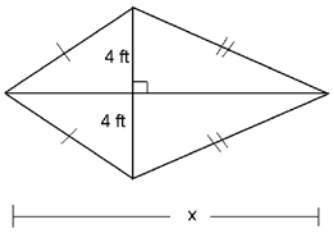


4. Kite or **rhombus**? Area = **70**



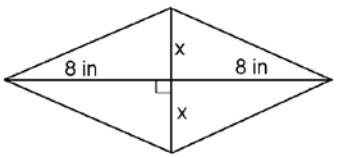
5. **Kite** or rhombus? The area of this shape is 48 ft². Solve for *x*.

X = **12 ft**

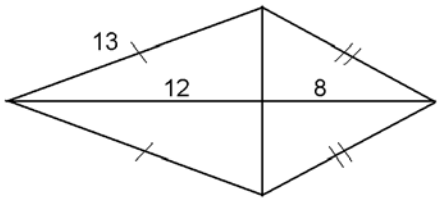


6. Kite or **rhombus**? The area of this shape is 32 in². Solve for *x*.

X = **2 in**



7. **Kite** or rhombus? Area = **100**
(Use Pythagorean Theorem to help…)



8. Draw a kite with diagonals of 20 and 24. What is the area of the kite? **240**

9. Draw a rhombus with diagonals 4 and 6. What is the area of the rhombus? **12**

10. Draw a rhombus with two 120° angles and two 60° angles. The sides have length 6. What is the area of the rhombus? $\mathbf{18\sqrt{3}}$

11. Draw a rhombus with a perimeter of 68 and one diagonal of 30. What is the length of the other diagonal? What is the area of the rhombus? **16 ; 240**