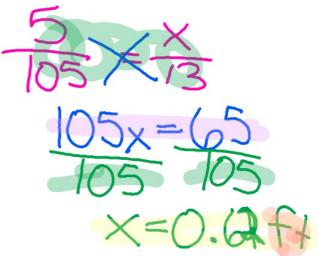


IF you are 5'tail and weigh 105 lbs, compute the following:

(1) If you were as tall as a giroffe (17.), how much would you weigh?

W 105 X X

5x=1,785 5 5 x=357 2) If you weighed the same as a peacock (13 lbs) how tall would you be?



# 4/13 Quadrilaterals

Definition: 4-sided polygon
"Closed Figure"

Work with your partner and name as many **QUADRILATERAL\$** as you can.

Rhombus

2 Square 3 Parallelogram 4 Reclangle 5 Trapezoid

6 Kite

Work with your partner and match the colored names of quadilaterals with their definitions below.



Quadrilateral with exactly one pair of parallel sides



Quadrilateral with opposite sides that are parallel and congruent

# る Kite

Quadrilateral with two paris of congruent adjacent sides and opposite sides that are not congruent

# 4 Square

Quadrilateral with four congruent sides, four right angles, and opposite sides that are parallel and congruent

## 5 Rectangle

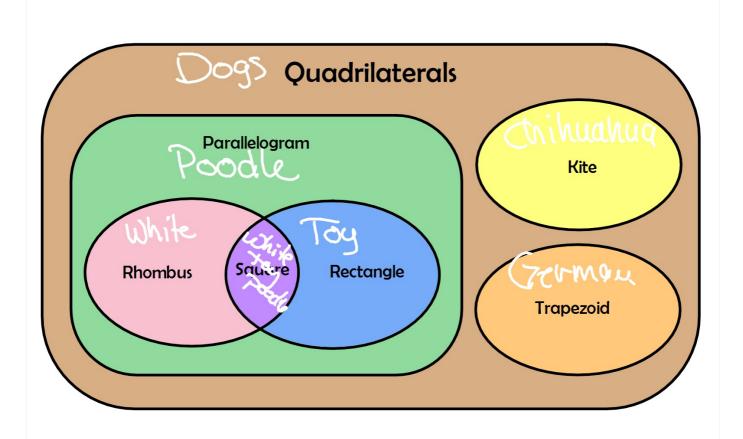
Quadrilateral with four right angles and opposite sides that are parallel and congruent

### 6 Rhombus

Quadrilateral with four congruent sides and opposite sides that are parallel and congruent







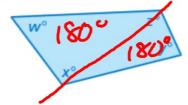
# Classify the quadrilateral. 1. Rhombus 2. Square Rectangle Parallelogram 3. Rectangle Parallelogram 4. Parallelogram 5. Trape 2010 6. Kith



### Sum of the Angle Measures of a Quadrilateral

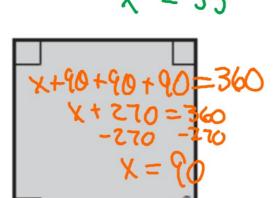
Words The sum of the angle measures of a quadrilateral is 360°.

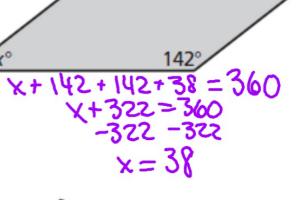
Algebra w + x + y + z = 360



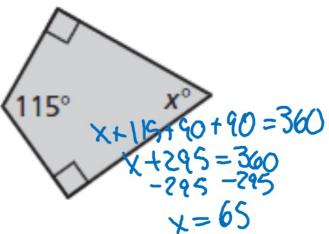
38°

# Find the value of x





142°



# Fill in the blank with always, sometimes, or never. Explain by drawing diagrams.

A rectangle is the a square.

A rhombus is Alway a parallelogram.

A trapezoid is a kite.

A parallelogram is motion rhombus.

