NAME _____ DATE _____

Use the RDW process to solve the problems below. Use a letter to represent the unknown.

1. Ms. Brandy is taking her daughter and five friends to the fair. Tickets to enter the fairground are $4 for each person. Ms. Brandy paid for everyone to enter the fairgrounds. (15 pts)
    a. How much did Ms. Brandy pay for herself and her daughter to enter the fairground? Write an equation to show how you solved the problem.

    b. How much did Ms. Brandy pay for her daughter's friends to enter the fairgrounds? Write an equation to show how you solved the problem.

    c. Using the equations you wrote in parts a and b, write a new equation to show the total amount Ms. Brandy spent to get onto the fairgrounds.

    d. What is the total amount Ms. Brandy spent on tickets?

    e. Ms. Brandy gave her daughter and friends $54 to spend on games and rides. Each child received the same amount of money. How much did each child receive?
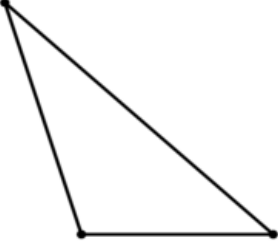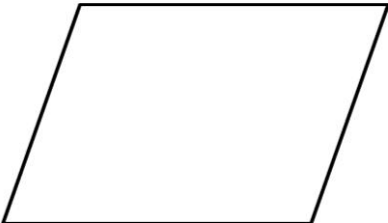
2. At the Zoo of Acadiana there are 21 young alligators and 15 adult alligators. The alligators are placed equally into 4 areas. How many alligators are in each area? (6 pts)

3. Mrs. Granger's math class starts at 9:15. They do 3 fluency activities that each last 5 minutes. Just when they finish all of the fluency, the fire alarm goes off. When they return to the room after the drill, it is 9:46. How many minutes did the fire drill last? (6 pts)
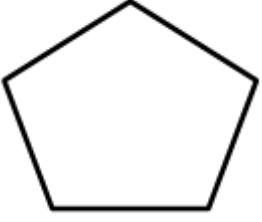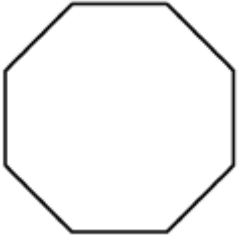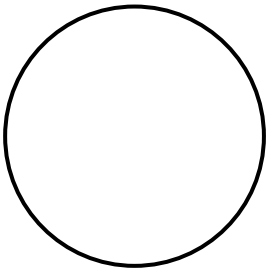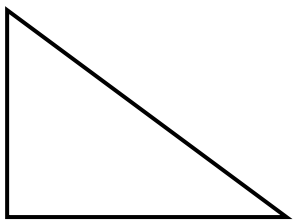
4. Bobby says this is a square, Suzie said it is a rectangle. Who is correct? Explain why. (2pts)

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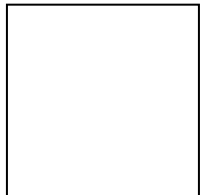
5. Place a (√) check in the column that describes each shape. (16 pts)

Shape	All sides are equal	All sides are not equal	At least 1 right angle	At least 1 set of parallel sides

6. Write the number of each attribute you see on each shape. (16 pts)

Shape	Angels	Right Angles	Parallel Sides	Equal Sides

Rubric

1a	3 pt correct answer	3 points
1b	3 pt correct answer	3 points
1c	3 pt correct answer	3 points
1d	3 pt correct answer	3 points
1e	3 pt correct answer	3 points
2	3 pt per step	6 points
3	3 pt per step	6 points
4	2 pt correct explanation	2 points
5	1 pt each correct box	16 points
6	1 pt each correct box	16 points
	Total	61 points