weekly Math HOMEWORK

February 23 – 27

DUE TUESDAY: "Line Symmetry"
DUE WEDNESDAY: "Joining and Separating (Decomposing) Angles"
DUE THURSDAY: "Classify Quadrilaterals"
DUE FRIDAY: "Practice 1"

My timed test on FRIDAY is on the _____ facts!

Class website: http://mrsbucksmathclass.weebly.com

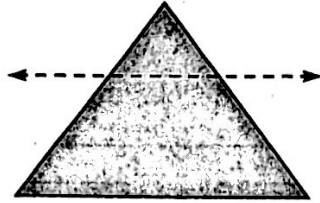UNIT 6 GEOMETRY TEST ON MONDAY, March 2nd!!
Study guide will be completed in class on Thursday!

Name _____
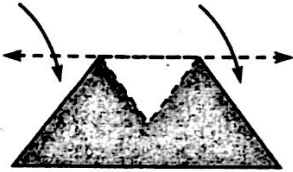
Parent Signature _____

Line Symmetry

Tell whether the parts on each side of the line match.
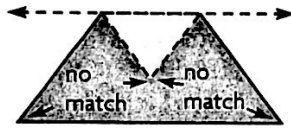Is the line a line of symmetry?

Step 1 Trace and cut out the shape.	**Step 2** Tell whether the parts on each side match.	**Step 3** Decide if the line is a line of symmetry.
Fold the shape along the dashed line.	Compare the parts on each side.	The parts on each side of the line do not match.
	no match no match	So, the line <u>is not</u> a line of symmetry.
	The parts do not match.	

Tell if the line appears to be a line of symmetry. Write *yes* or *no*.

1.

_____

2.

_____

3.

_____

4.

_____

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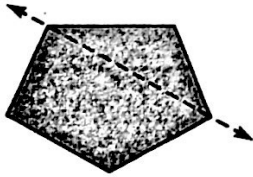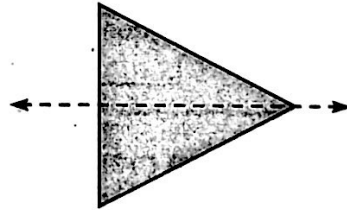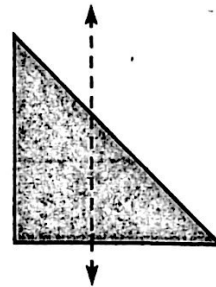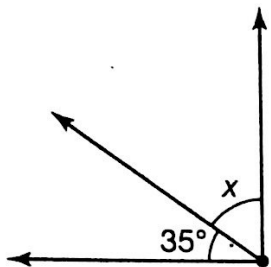
Joining and Separating (Decomposing) Angles!
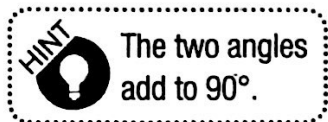
Complete the equation to represent each pair of angles shown.

1. The angles have a sum of 90°.

$$35° + x° = \underline{\hspace{1cm}}°$$
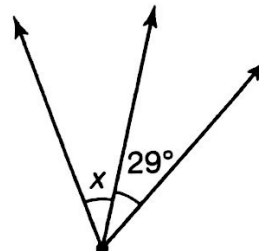
> **HINT** The two angles add to 90°.

2. The angles have a sum of 154°.

93° x

$$\underline{\hspace{1cm}}° + x° = \underline{\hspace{1cm}}°$$
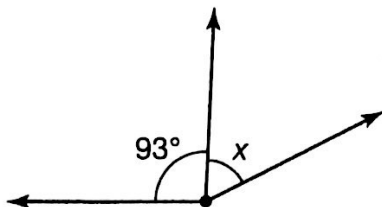
3. The angles have a sum of 62°

x 29°

$$\underline{\hspace{1cm}}° + \underline{\hspace{1cm}}° = \underline{\hspace{1cm}}°$$

Find the total measure of each pair of angles.

4.

43°
37°

_____

> **HINT** Add to find the total measure.

5.

82° 49°

_____

6.

25° 114°

_____
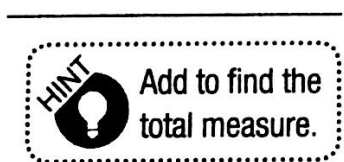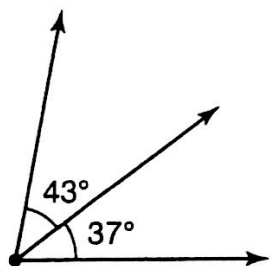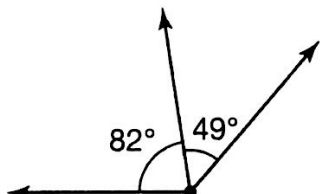
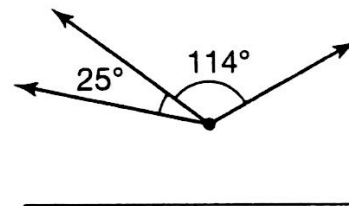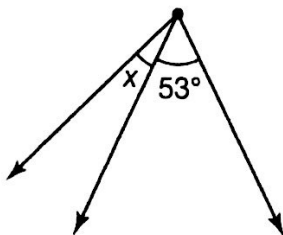**Find the number of degrees in the measure of the missing part.**

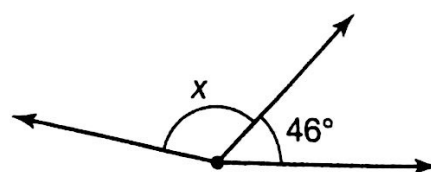**7.** The angles have a sum of 140°.

95° x

_____
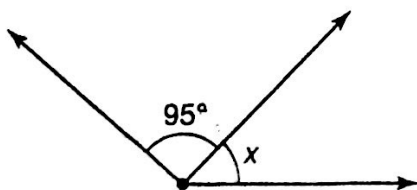
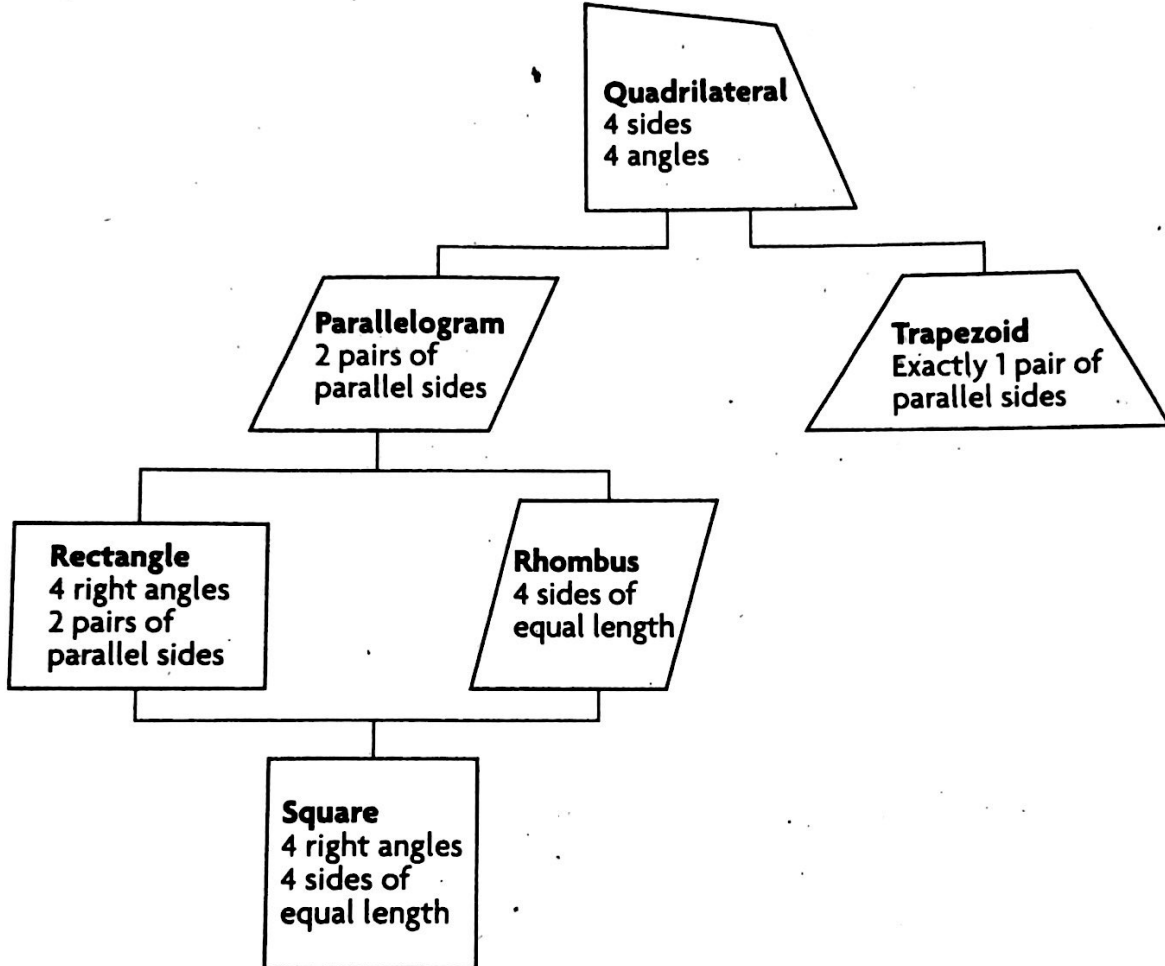**8.** The angles have a sum of 74°.

x 53°

_____

9. The angles have a sum of 168°.

x 46°

_____

Domain 4: Measurement and Data

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Classify Quadrilaterals

A **quadrilateral** is a polygon with __4__ sides and __4__ angles.
Some quadrilaterals have special names:

Quadrilateral
4 sides
4 angles

Parallelogram
2 pairs of
parallel sides

Trapezoid
Exactly 1 pair of
parallel sides

Rectangle
4 right angles
2 pairs of
parallel sides

Rhombus
4 sides of
equal length

Square
4 right angles
4 sides of
equal length

Classify each figure as many ways as possible. Write
quadrilateral, trapezoid, parallelogram, rhombus, rectangle, or *square.*

1. 2 names!

2. 5 names!!

3. 2 names!

_____

_____

_____

_____

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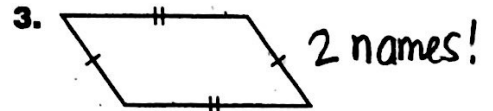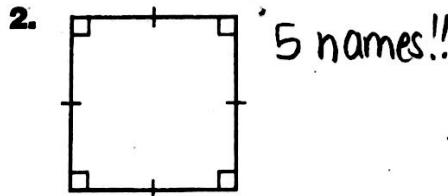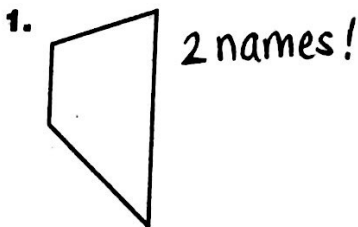
Practice 1

Circle all the numbers that are a multiple of 10: 10, 5, 2, 30, 20

Circle all the numbers that are a multiple of 8: 4, 16, 2, 8, 12, 3

Circle all the numbers that are a multiple of 7: 7, 14, 2, 21, 3

A vending machine has 32 rows of fake tattoos. Each row contains 16 tattoos. How many total tattoos does the machine contain?

What is the product of 3,456 and 6?

Write the decimals as fractions.

0.67 _____   0.35 _____
0.3 _____   0.40 _____
0.9 _____   0.52 _____
0.11 _____   0.88 _____

Name the angles based on their measurements. (acute, obtuse, or right)

98 degrees _____   13 degrees _____

179 degrees _____   154 degrees _____

90 degrees _____   75 degrees _____

Draw three shapes that are symmetric. Draw at least 1 line of symmetry through each shape to prove they are symmetric.