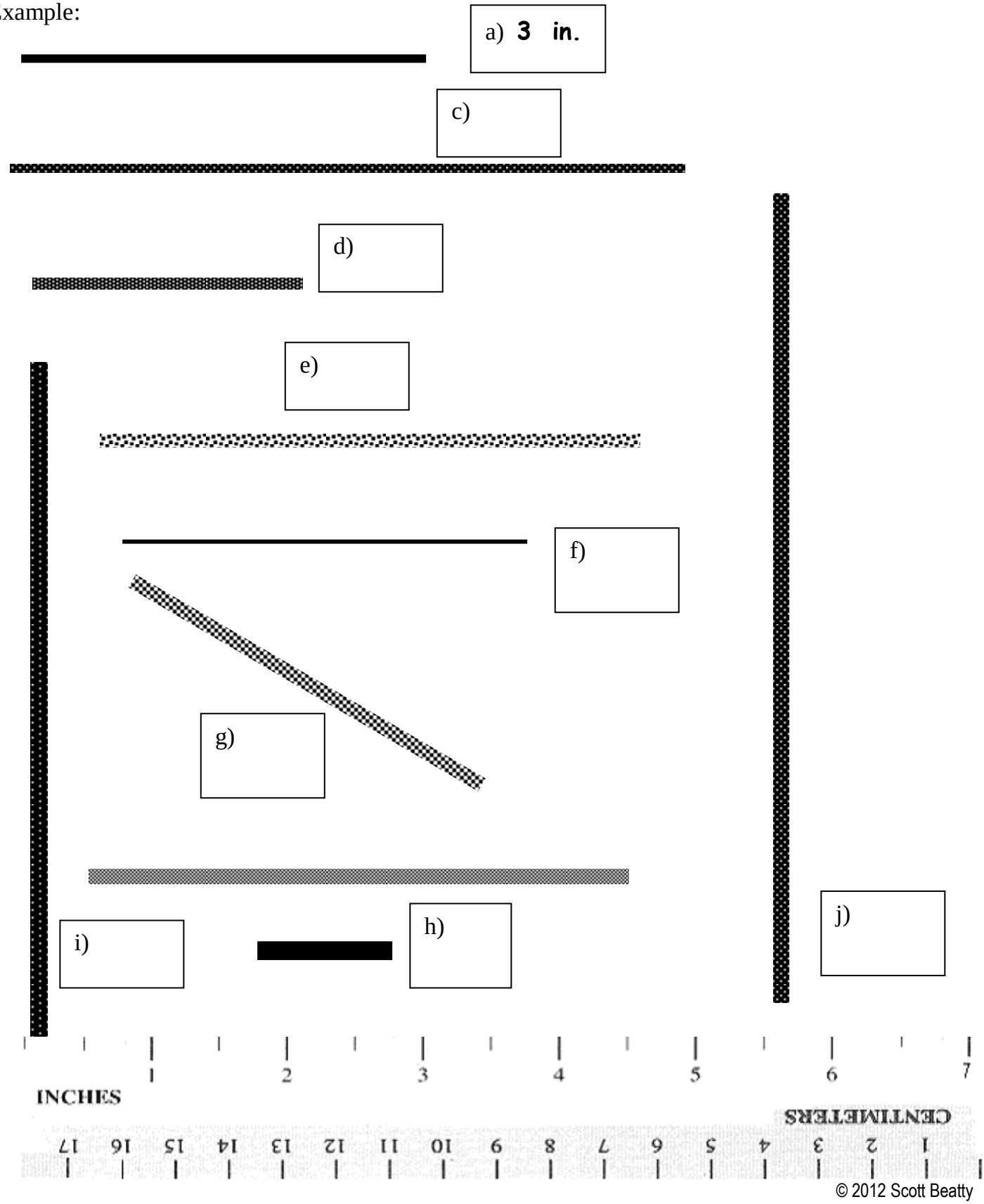
How to measure in WHOLE INCHES introduction: Monday - REGULAR

1. Measure these lines to the nearest inch. Name _____
2. Write the answer in the box. Use the correct side of the ruler!
3. Put line at END of ruler – not a 1 mark. (Or answer will be short by 1 inch.)

Example:



Tuesday - REGULAR

Name _____#_____

1. Measure these lines to the nearest HALF inch.
2. **Use the correct side of the ruler!**
4. If you have time measure each in CM for extra credit.

a)

a)
3 ½ in.

b)

b)

c)

c)

d)

d)

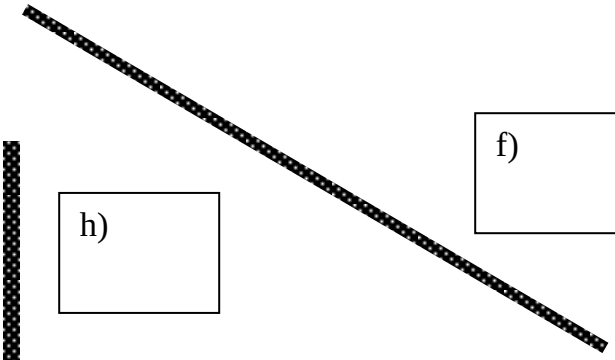
e)

e)

g)

g)

f)

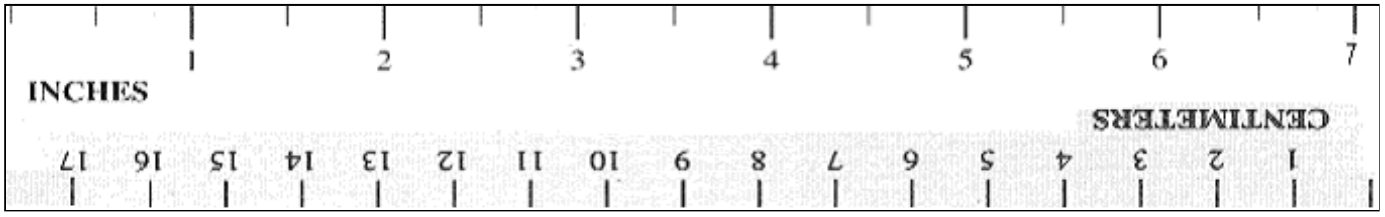


f)

h)

h)

If you need a ruler fold and cut or tear on doted line.



Wednesday – Regular

Measuring in centimeters **Name** _____

A. Write the length in CENTIMETERS. *B*. Be sure to put **cm. (the abbreviation for CENTIMETERS)** ***after*** the number**.**

1) _____ _____ ___

2) _____ **cm.**

3) _____ **cm.**

4) _____ **cm**

The rectangle above is _____ ___wide. It is _____ ___ tall.

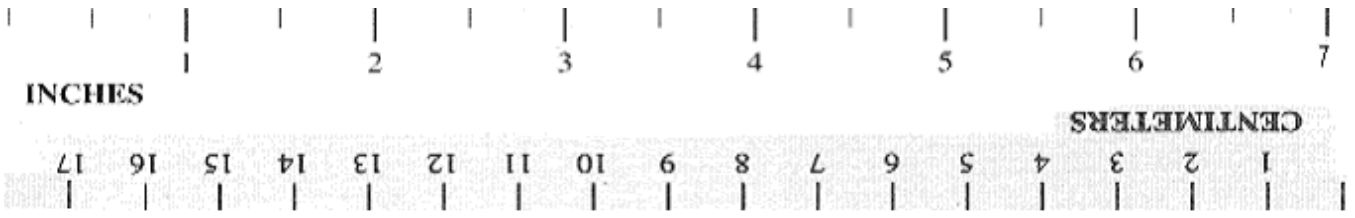
Draw a line segment that is 4 cm.
(Start at the **point**, the dot.)
5)

•

6)

Draw a line segment that is 6 cm.

•



Thursday - REGULAR

Name _____#_____

Measure the lines to the nearest HALF inch – Ruler below (if needed)

a)  ___label

b) ___label

c) ___label

d) ___label

e) Measure a line $5\frac{1}{2}$ inches from the dot.

●

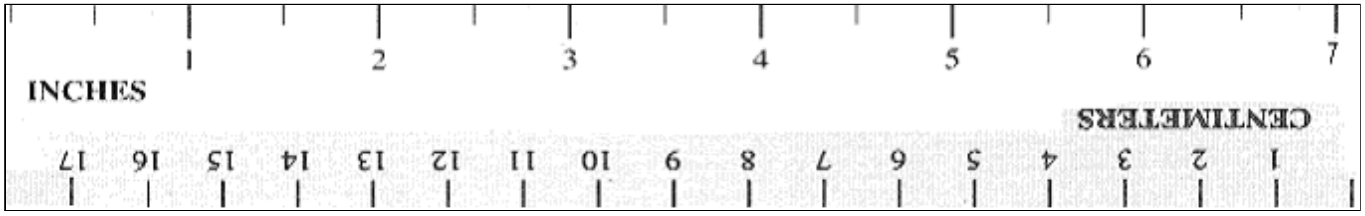
f) Measure a line $2\frac{1}{2}$ inches from the dot.

●

g) Measure a line $3\frac{1}{2}$ inches from the dot.

●

Fold and tear or cut on the dotted line if you need a ruler..



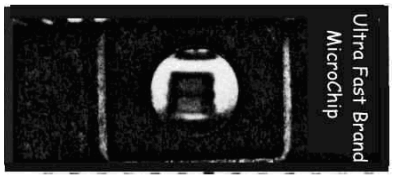
Monday - CHALLENGE Name _____#_____

Measure these things to the *nearest* **inch** or **½inch**. (Use the ruler below if needed.)

← How long this direction …→ ← How long this direction…→

..is the paperclip? - to nearest inch or ½ inch**.**

…. is the microchip? - nearest inch or ½ in.



It is ***about*** _____ _____ (label in. or ") It's ***about*** _____ _____ (label in. or ")

↑ ↑

How wide ↓ is the paper clip? (nearest inch or ½ in). How wide ↓ is the microchip? (nearest inch or ½ inch

It is ***almost*** _____ _____ (label in. or ") It is ***about*** _____ _____ (label in. or ")

← →

How long is the pen? (to nearest inch or ½ inch) _____ _____ (label in. or ")

Calculator

← →

How wide (across –horizontal) - to the closest ½ inch?

_____ _____ (label in. or ")

How tall (up & down/ vertical) to the closest inch or ½ inch ?

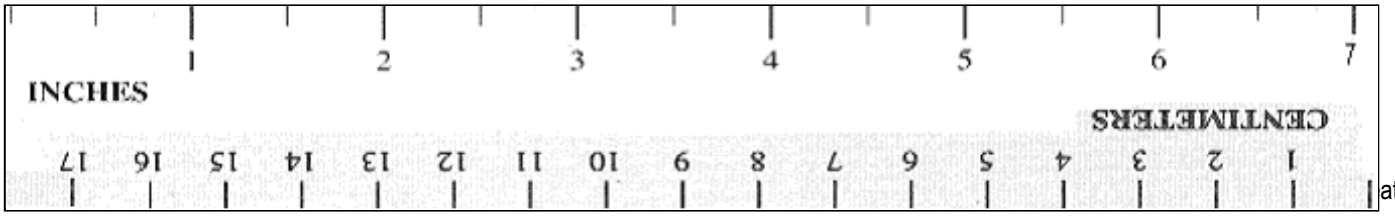
_____ _____ (label in. or ")

Crayon

How long is the crayon to the closest in inches?

_____ _____ (label in. or ")

Fold and tear or cut on the dotted line if you need a ruler..



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Tuesday - CHALLENGE **Measuring in CM or INCHES**

Name _____

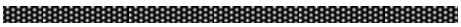
How do you know which side of the ruler to use? Just _____ IT! (Just READ it!)

Write the length of each in units noted at end

a)

inches

b)



_____ **cm**

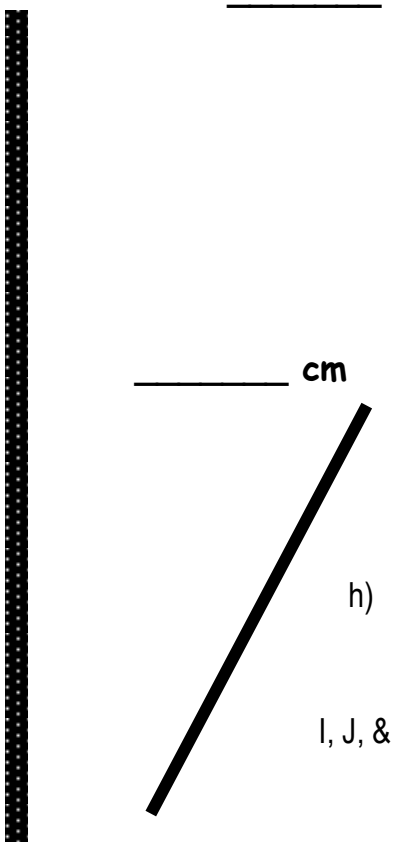
c)

_____ **inches**

d)

_____ **cm**

e)



_____ **cm**

1) Draw a line segment that is 5 cm below.

•

2) Draw a line segment that is 3 inches below.

•

f)

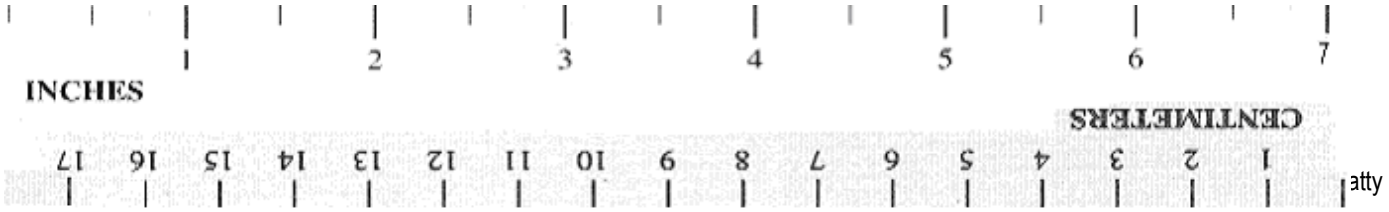
g) = ___ **cm**

How long is the dotted line?

h) How long is the diagonal (**oblique**) line?

= _____ **inches**

I, J, & K) **Challenge measure below two lines and get the total length in cm.**



Measuring Perimeter in Centimeters. *Wednesday - CHALLENGE*

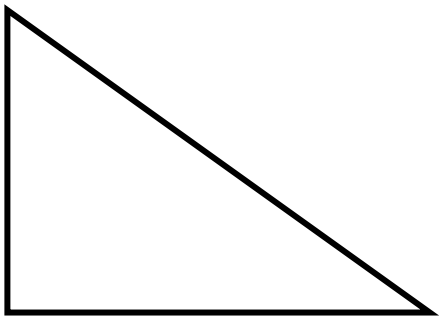
Name _____#_____

Perimeter: The length around the outside of an area.
Measure the sides and then add up all the sides.

1. Measure the sides of these polygons, ***to the nearest centimeter***.
2. Calculate the perimeter by **adding** up the length of all the sides.

1. _____ + _____ + _____ + _____ =

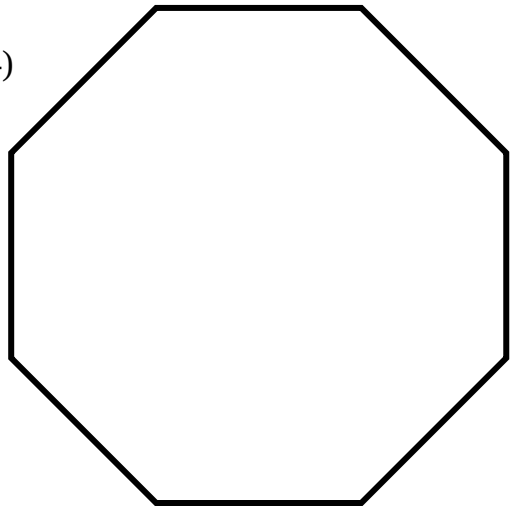
2. _____ + _____ + _____ =



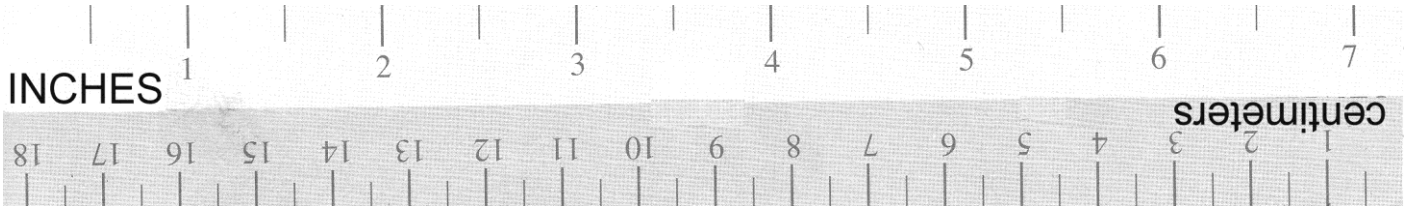
____ + ____ + ____ + ____ +____ +____ +____ + ____ =

3) -___ + _____ + _____ + _____ =

4)



Fold and tear off if you need a ruler.

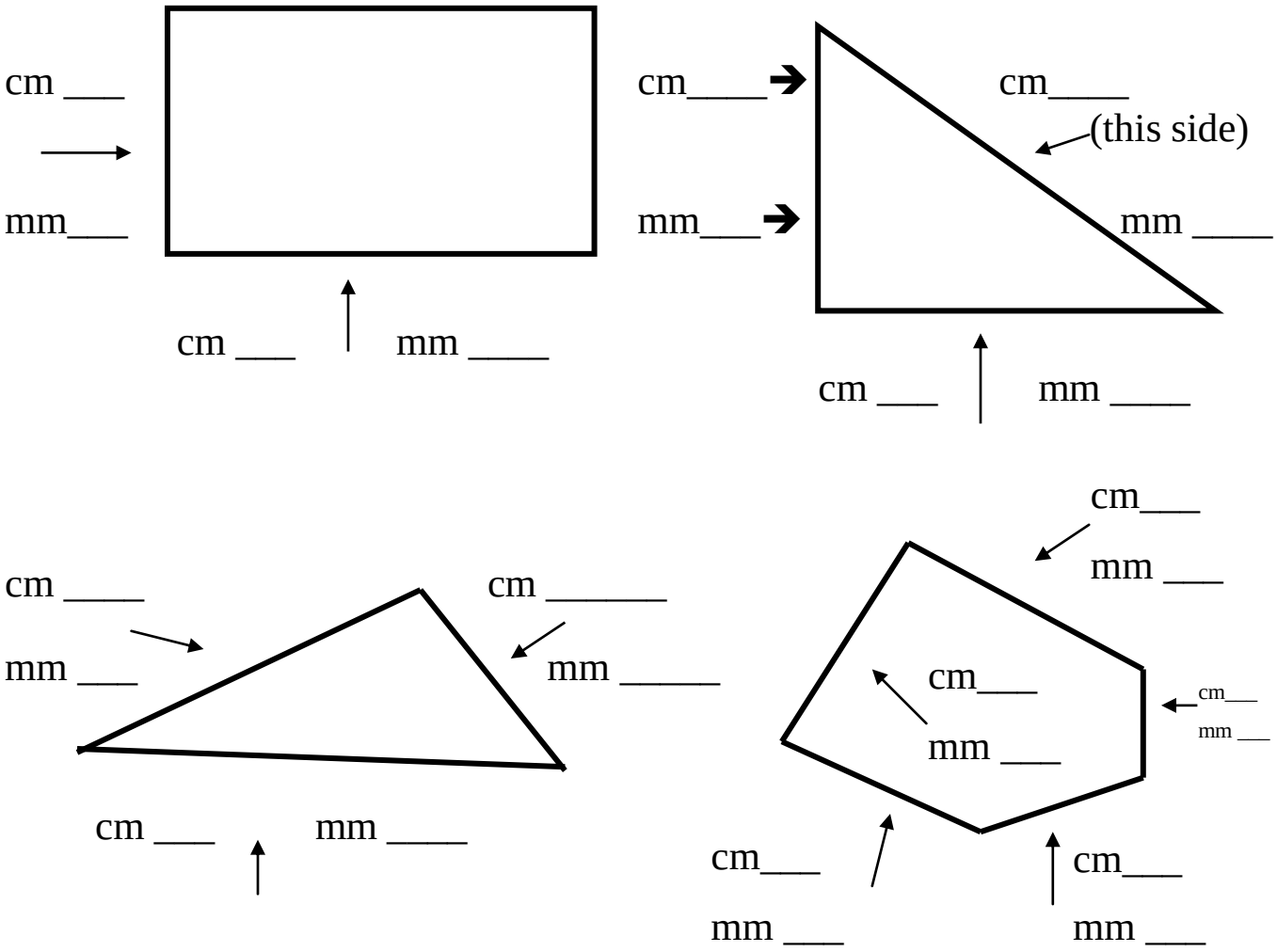


Measuring with *Thursday - CHALLENGE*

centimeters and millimeters **Name** _____#_____

(Challenge / Advanced) Measure from ZERO

1. Measure the sides of these polygons, ***to the nearest centimeter*** as shown.
2. Measure each sides of these polygons, ***to the nearest millimeter*** as shown.



Cut along the dotted lines and use this ruler if you need one.