

Mr. Polley

Technology 8

09/28/15

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**Quiz- 10/1; Types of Tech PAST DUE ; HW 5 Due 10/1 Odd
10/2 Even**

Do Now

Vocab- Industrial Revolution = Period when humans and animals were replaced by machines.

Notes- The transition from an industrial society to an informational society means more workers rely on the use of computers in their jobs.



What is needed to create technology?

C **Capital** \$

P **People** 

T **Tools & Machines** 

T **Time** 

I **Information** 

M **Materials** 

E **Energy** 



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**Quiz- 10/1; Types of Tech PAST DUE ; HW 5 Due 10/1 Odd
10/2 Even**

Notes- Systems Process The process by which all mechanical systems work

I **Input -** entering a command/request into a system

P **Process** The systems performs functions

O **Output** The result

F **Feedback-** Was it the expected/ desired result.

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**Quiz- Due today; Types of Tech PAST DUE ; HW 5 Due 10/9
Odd 10/8 Even NOTEBOOK CHECK 10/16-17**

DO NOW

Notes- Types of Systems open or closed

Open - Manual inputs are needed to control system. **Light switch, door bell**

Closed- Once input is entered system will run. **Thermostat set temperature and it runs, Playlist on a smartphone, automatic lawn sprinkler system**

Assembly line- a continuous stream of work. The work is repetitive.

Systems-

Open -

Closed-

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**Quiz- PAST Due; HW 5 Due 10/9 Odd 10/8 Even NOTEBOOK
CHECK 10/16-17; TEST- 10/21 & 10/22**

DO NOW

Vocab-

Measurement- How to determine size and scope

Aim- How did humans first measure objects?

[Redacted]

What did humans create to help them measure?

[Redacted]

[Redacted]

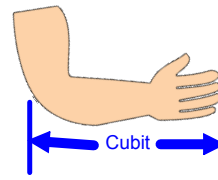
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Measure room in feet Length & Width



Measure computer table in Palm with

Measure table top in cubits



Xcrd- If the table top is 6' x 2' - 6"

Than how wide is your cubit?

How wide is your hand? (6' x 2')

Length of foot? 30' x 36'

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**HW 5 Due 10/9 Odd 10/8 Even NOTEBOOK CHECK 10/16-17;
TEST- 10/21 & 10/22**

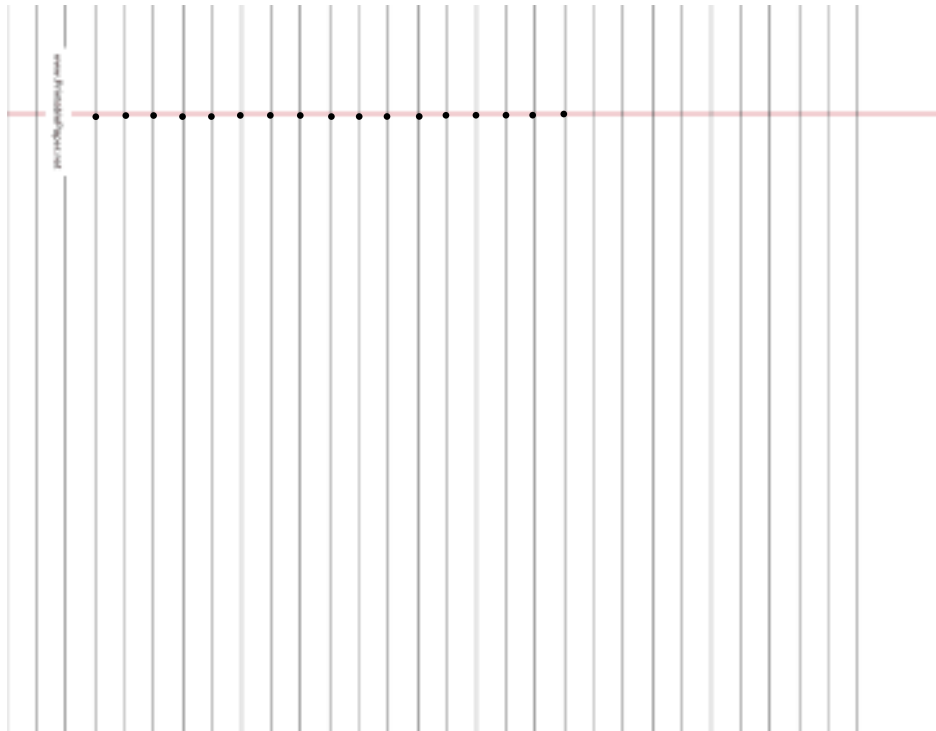
DO NOW

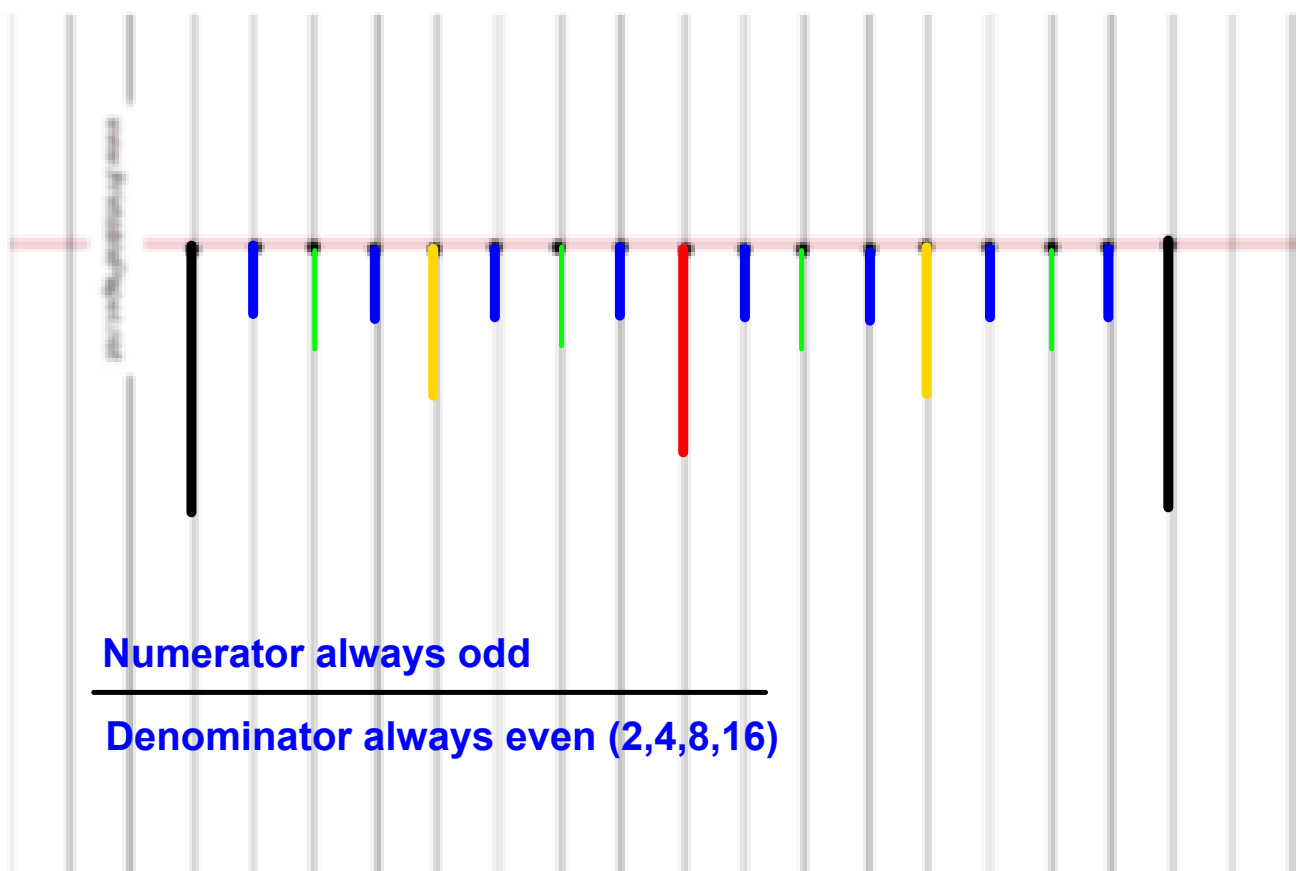
Open your engineering notebooks & have a pencil

Turn your page landscape with the red margin line at the top

On the left side, count 3 blue lines in from the left-side, place a light dot where the red and blue lines intersect

Moving towards the left place light pencil dots consecutively on the next 16 red and blue intersections.





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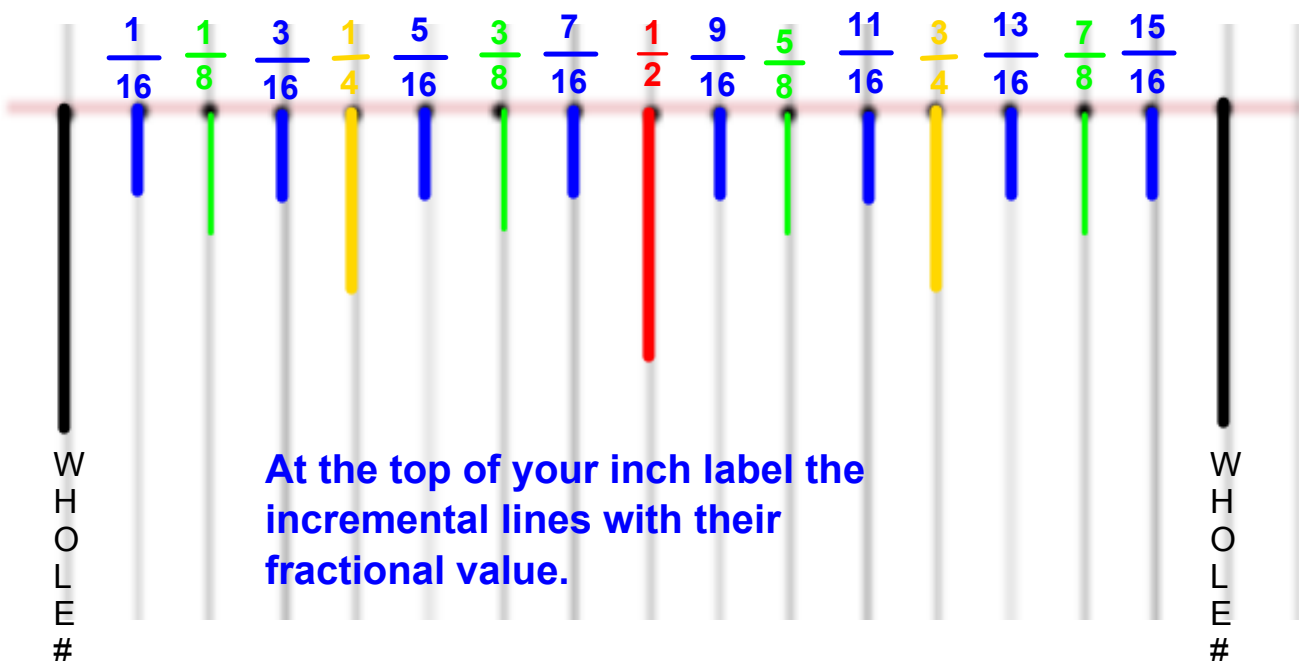
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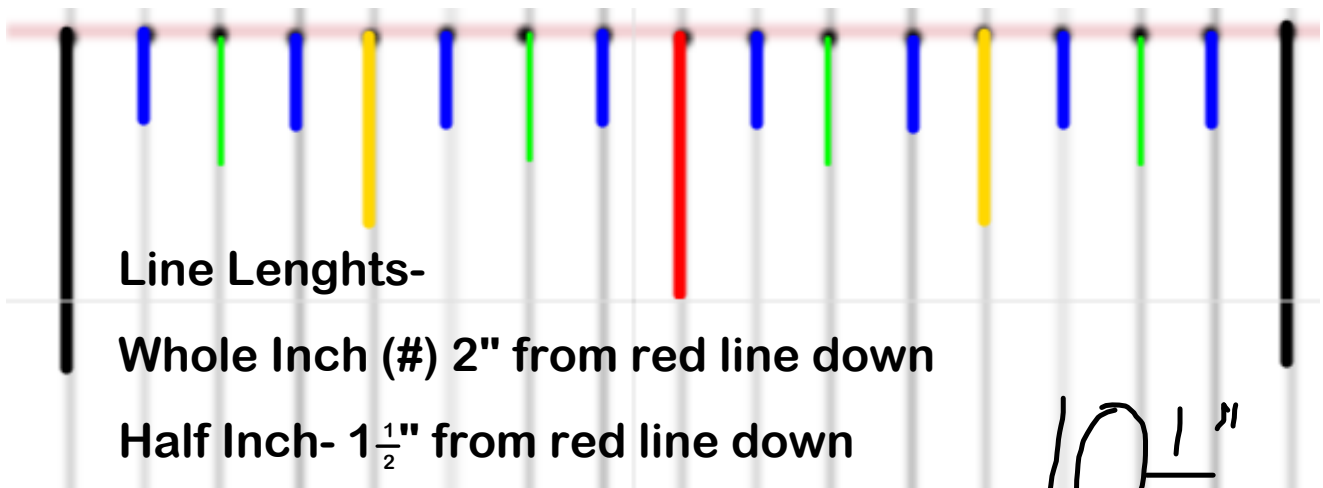
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NOTEBOOK CHECK 10/15-16; TEST- 10/21 & 10/22

DO NOW

Pick up a ruler from the tool cabinet, open your engineering notebooks & have a pencil ready.





Line Lengths-

Whole Inch (#) 2" from red line down

Half Inch- $1\frac{1}{2}$ " from red line down

Quarter Inch- $1\frac{1}{4}$ " from red line down

Eighth Inch- $\frac{7}{8}$ " from red line down

Sixteenth Inch- $\frac{7}{16}$ " from red line down

$$\underline{10\frac{1}{2}''}$$

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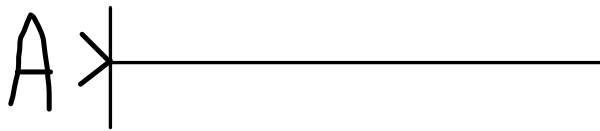
**Quiz- PAST Due; HW 5 Due 10/9 Odd 10/8 Even NOTEBOOK
CHECK 10/16-17; TEST- 10/21 & 10/22**

DO NOW

Record the following terms in your vocab section: Kinetic Energy, Potential Energy, Elastic Limit, Friction, Lift, Weight, Drag, Aerodynamics

On the test- Intro to tech, Types of tech, Resources of tech, Manufacturing, Systems Process, Impacts of Tech, Measurement

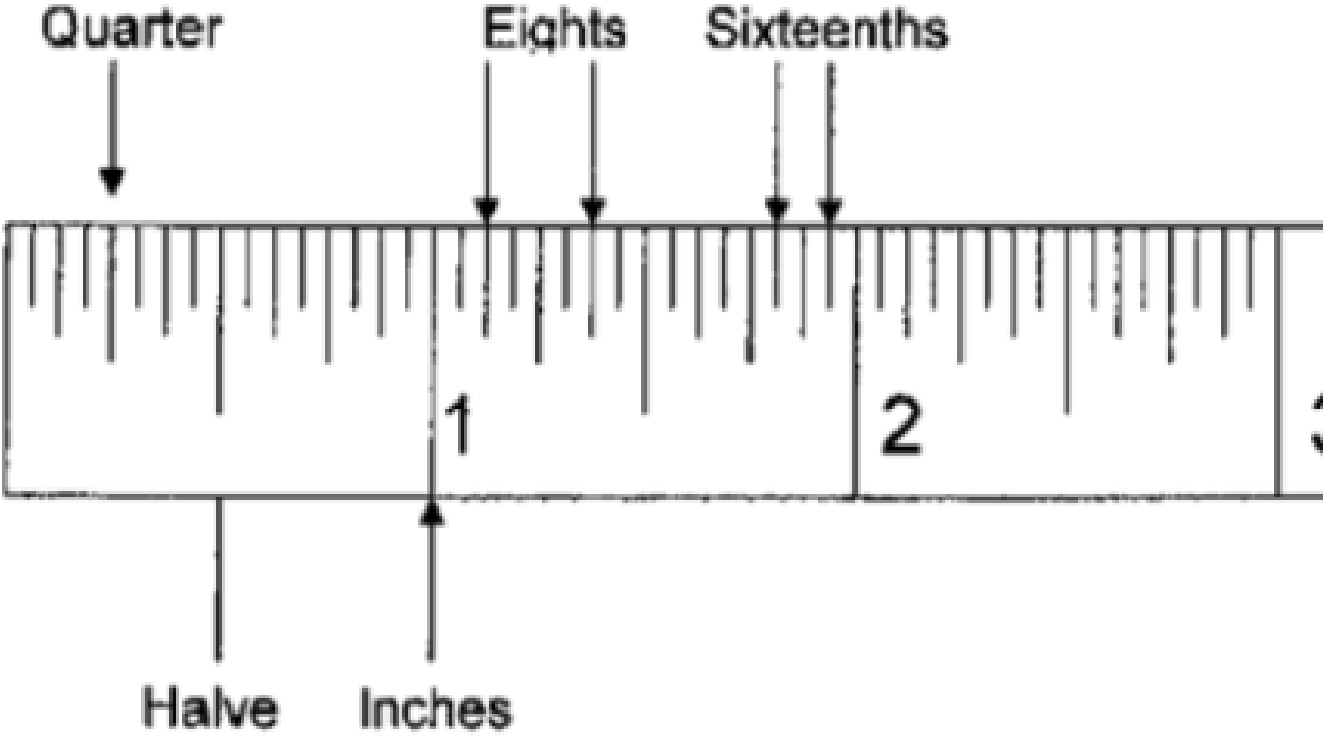
Drawing an engineering line



Start line & finish line half inch in length, the line itself will be centered.

Finish the measurement packet.

A	B	C	D
8- 1/16"	6-1/4"	9-3/4"	3-9/16"
5- 5/8"	11- 9/16"	4-7/16"	1-1/4"
7- 1/2"	3"	10-1/2"	6-5/16"
9- 1/4"	4-1/4"	5-7/8"	4-13/16"
6- 5/16"	8-7/8"	1-3/4"	8-5/16"
2- 7/16"	7-1/16"	6"	11-1/4"
11- 1/16"	5-3/4"	3-15/16"	9-1/16"
4-15/16"	1-1/2"	11-11/16"	5-5/16"



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**Quiz- PAST Due; HW 5 Due 10/9 Odd 10/8 Even NOTEBOOK
CHECK 10/16-17; TEST- 10/21 & 10/22**

DO NOW

TEST

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Clear your desks have a pencil & a ruler; COMPLETE Your TEST

You have 15 additional minutes. If you need more time write on the test need more time. Then leave it on top of the yellow-orange envelope.

When tests have been collected take out notebook & packet.

Read the last page of your packet. In your notebook, in the thoughts & ideas section write down at least 3 questions you have about the instructions.

Using a provided piece of copy paper attempt the instructions listed on the last page of the packet.

Thursday Mr. Polley will not be here you are expected to complete the exercise above.

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DO NOW

Get a ruler, Pick up a rubric, Have packets out complete copy paper layout.

Please add the following to the rubric.

10 pts. Aesthetics- looks, how something looks

10 pts. for being awesome

20 pts. work ethic/behavior

25 points Distance (variable)

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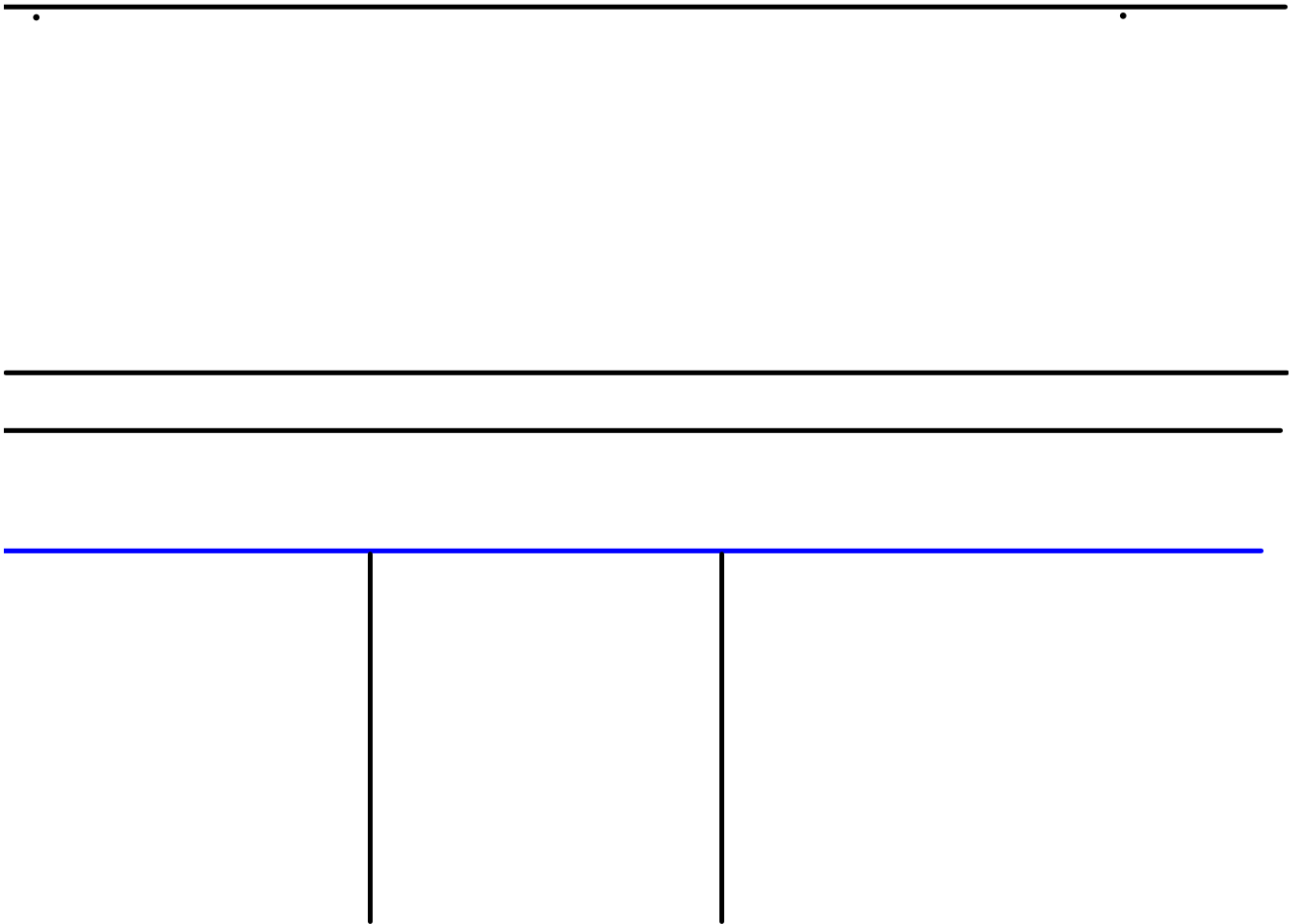
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Read the last page of your packet. In your notebook, in the thoughts & ideas section write down at least 3 questions you have about the instructions.

Using a provided piece of copy paper attempt the instructions listed on the last page of the packet.

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#14

1. On the right side, along the 3" line (up from the bottom)
2. measure an mark from the right side $\frac{1}{4}$ ", $\frac{3}{8}$ ", $3-\frac{3}{8}$ ", $3-\frac{1}{2}$ "



#15

1. In the bottom right corner make a light mark
2. Along the bottom edge from right to left make light marks at $\frac{3}{8}$ ", $3-\frac{3}{8}$ ", $3-\frac{3}{4}$ "

