

Cohen Middle School
100 Robinwood Avenue
Elmira Heights, NY 14903
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Name: _____ Date: October 29, 2019 _____

Math:

Coordinate Plane
Label, Identify Parts & Plot Coordinates
in all 4 Quadrants

notes pp 41 & 42 homework 2 sided wksh + benchmark Nov. 6

Social Studies:

- Egypt Geography

HW: Corrections due 11/5

ELA:

Daily Warm Up
Excerpt from Bad Boy
Vocabulary / Main Idea

Science

Titanic Web Quest
(Step 6 attached)

Steps 1-7 should be completed tomorrow
10/30/19

Computer Apps/ Technology

Coordinate plane

Formed by a horizontal number line (x-axis) and a vertical number line (y-axis)

Ordered Pair

Identifies the location of a point in the coordinate plane

$(3, 1)$

Origin

$(0, 0)$

Where the x- and y-axes meet. The ordered pair is $(0, 0)$.

X-axis

The horizontal number line in a coordinate plane

Y-axis

The vertical number line in a coordinate plane

X-coordinate

The first number in an ordered pair. It tells the number of horizontal units a point is from 0.

(X, Y)

Ordered Pair

Y-coordinate

The second number in an ordered pair. It tells the number of vertical units a point is from 0.

Quadrant 2

$(-x, y)$

Quadrant 1

(x, y)

Quadrant 3

$(-x, -y)$

Quadrant 4

$(x, -y)$

To Graph:

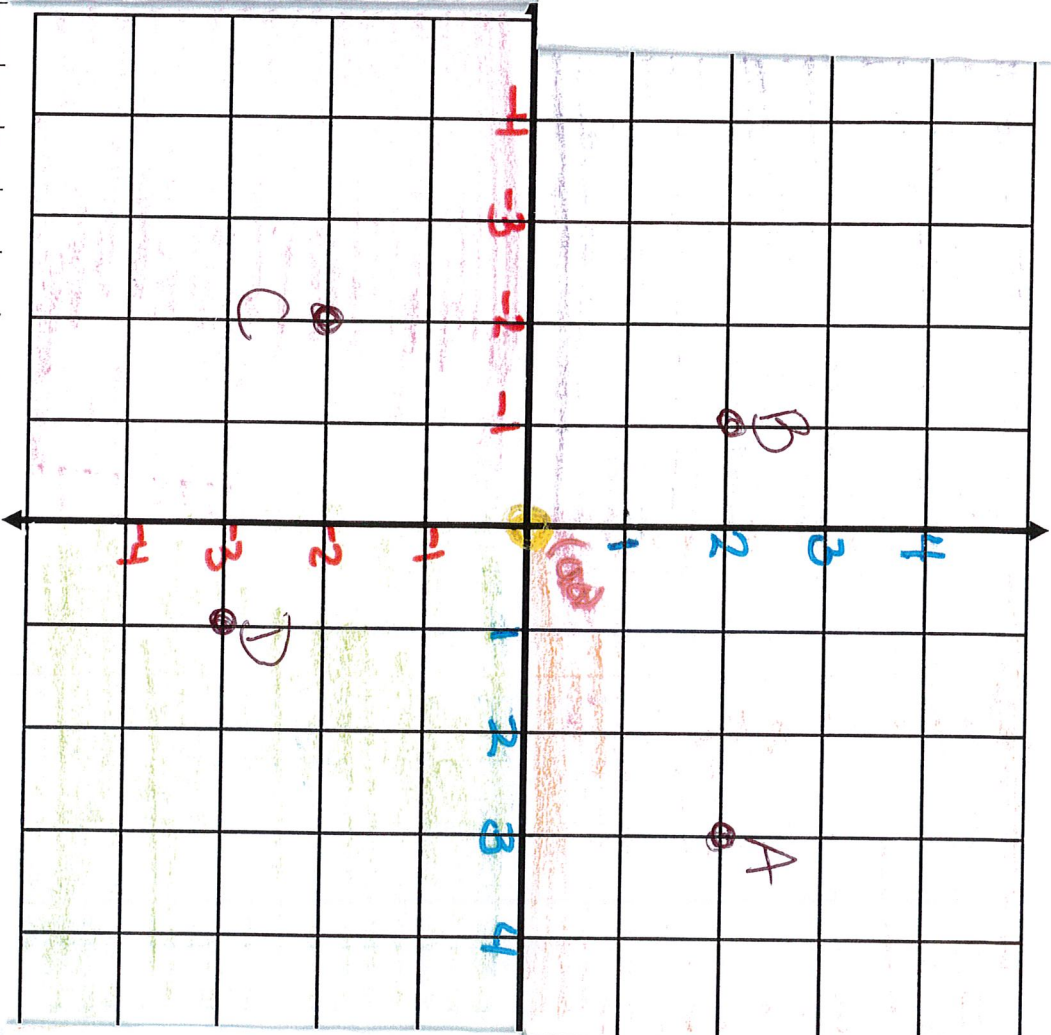
1. Start at the Origin
2. Look at the x-coordinate. Move to the correct place on the x-axis. (Left or Right)
3. Look at the y-axis. Move to the correct place on the y-axis. (Up or Down)
1. Find where the two point meet and plot your point.

$(-1, 2)$ B

$(-3, 4)$

$(-2, -2)$ C

$(-1, -4)$



$(3, 2)$ A

$(4, 3)$

$(1, -3)$ D

$(4, -2)$

to

to

to

Name _____ Date _____

Homework: Module 3 Lesson 14 & 15

The first coordinates of the ordered pairs represent the numbers on the line labeled x , and the second coordinates represent the numbers on the line labeled y .

* **Choose any 4 to do**

Use pp. 42
for help

1. List the ordered pair of numbers that corresponds with each letter from the grid below.

Choose any 4 to do

a. Point M

b. Point S

(5,7)

c. Point N

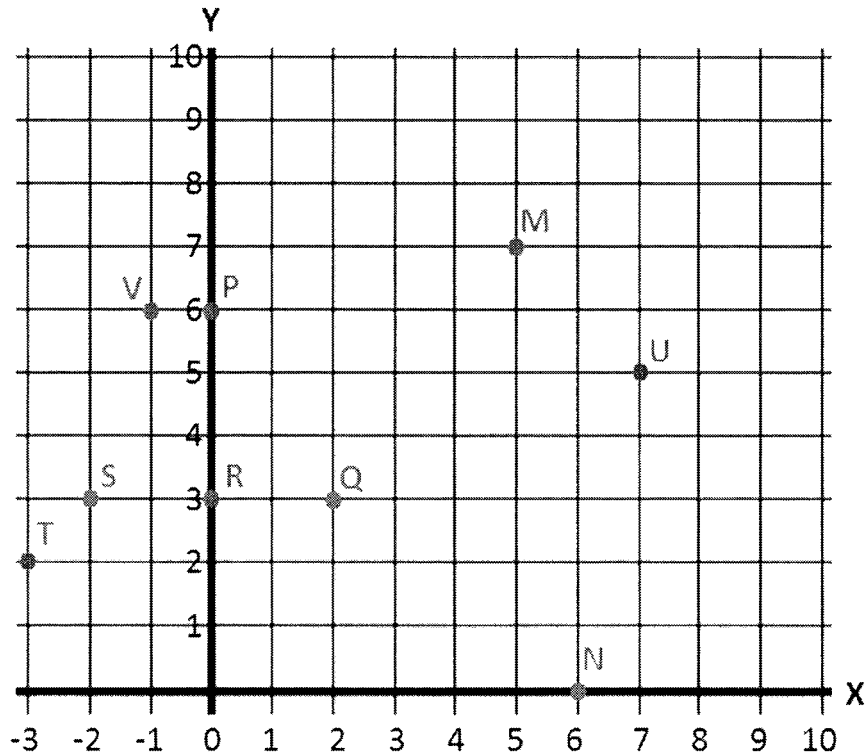
d. Point T

e. Point P

f. Point U

g. Point Q

h. Point V



Do All

2. Use the coordinate plane below to complete the tasks.

- Label each quadrant **I, II, III, IV**
- Label the **x** and **y** axis
- Label the origin
- Number the x and y axis counting by 1's.

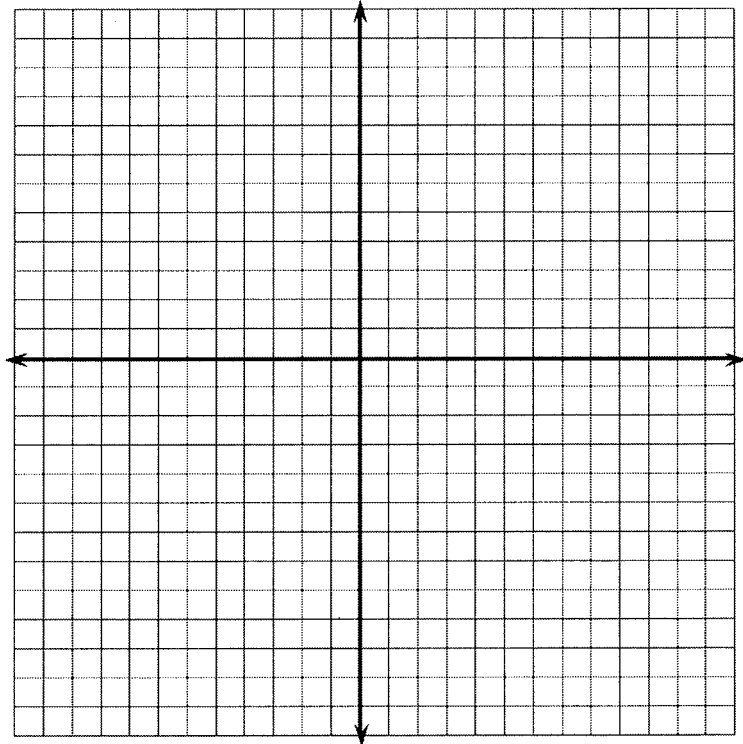
➤ Locate and label each point described by the ordered pairs below.

A (7, 2)

B (3, -4)

C (1, -5)

D (-3, 8)

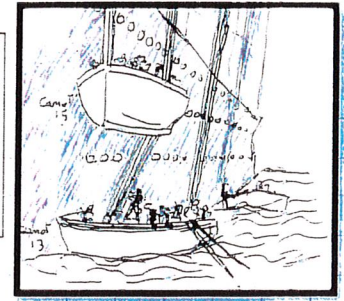


Brainstorm on your own

Science 6 10/29/11

□ STEP 6- Sketch-Ideas for Model Life Boats

Read the box below. Sketch ideas below for a lifeboat model that you will construct & test in science class next week.



1. Have students read ↗ ↘ together
2. Explain "Imagine / Brainstorm" (Think of ideas on your own) vs. "Plan" vs. Choose one idea (partner) and Sketch. (sep. graph paper)

COMING UP! Next week, in science class you will design a replica lifeboat to keep passengers safe at sea. Your model must fit on a 3x5 index card. It must keep "passengers" afloat.

You may only use the following materials:

- 1 cup: Wax-coated cup or Styrofoam cup
- 6 craft sticks
- 30 cm aluminum foil
- 30 cm duct tape
- 2 straws
- 1 index card
- string

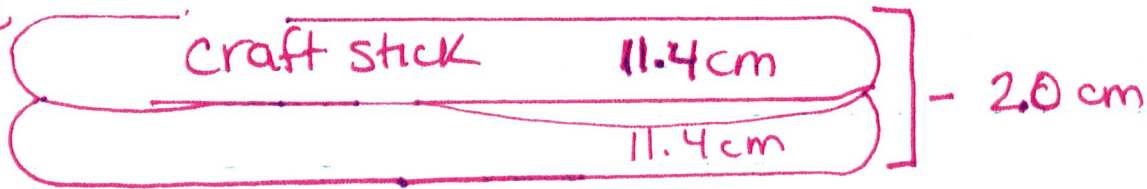
MORE DETAILS SOON!

Step 6 (Final) Pre-build

Final Copy
w/ partner

- ① choose 1 idea
- ② Plan / Draw a Top View + ~~and~~ Frontview.
- ③ Include dimensions / measurements.
- ④ Label the sketch (materials, sizes)

example

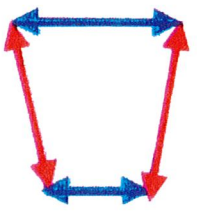
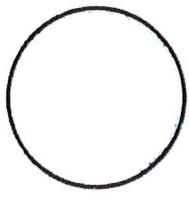
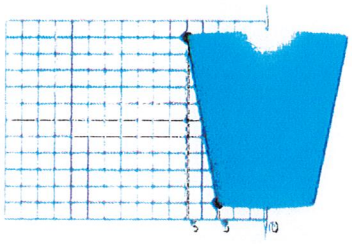
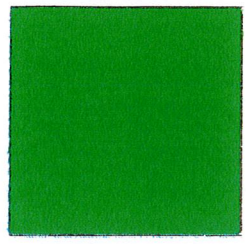
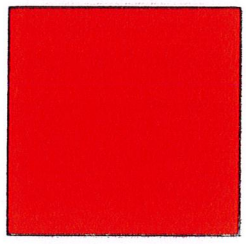
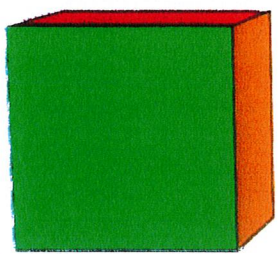


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Drawing Three Dimensional Shapes: <https://www.youtube.com/watch?v=xPj2qBLnbi4>

STEP 6: Students will create a TOP VIEW and FRONT VIEW of their boat design using a ruler and graph paper, to the best of your ability. Use color where needed.

Top view Front view



Top view Front view

