

5th & 6th Period:

Need Graph Paper and Straight Edge!

O.T.L.

① Pg 206-207 : On Graph Paper.

1-9 (all), 11, 13, 17,

19-25(0), 29, 33-35(all)

Make the
Scatter
Plot.

pg. 206-207 : 1-9(a), 11, 13, 17, 19-25(b), 29, 33-35 (a)

1) ordered pair

2) 5

3) quadrants

6) never

7) always

8) always

9) always

10) A(-3, 2) B(-1, -2)

C(2, 0) D(2, 3)

19) IV 21) I 23) III

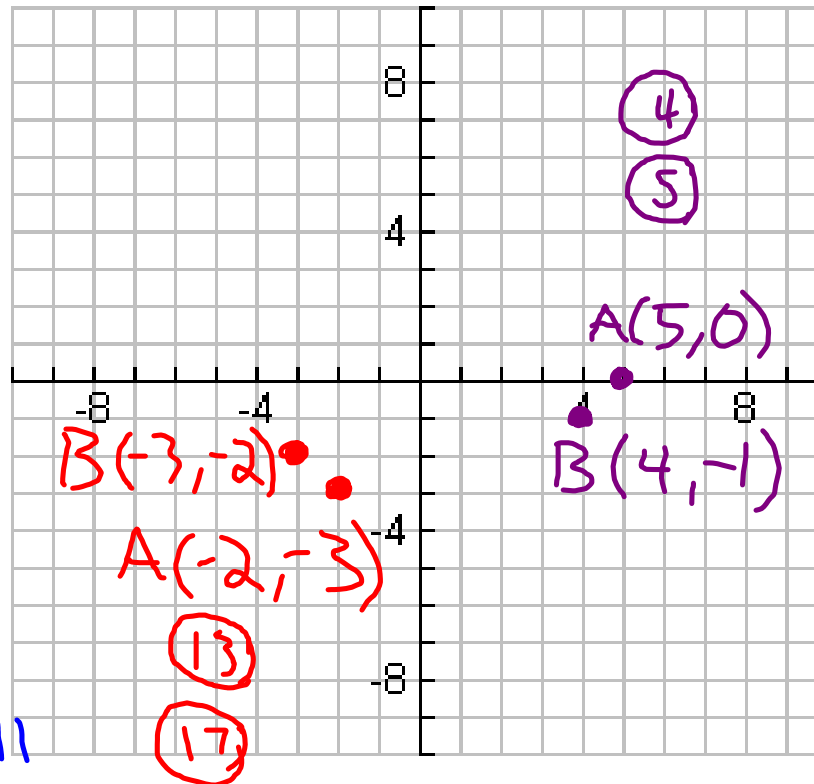
25) III 29) C

34) 2.1; 4.3;

Slowest is to the left

Fastest is to the Right

36) As the wing-beat increases;
The wing length decreases.



Blank side

Jan. 18, 2007

4.2. Graphing Linear Equations

Linear Equations: an equation in the Form

$$Ax + By = C$$

A.K.A.

where A, B , are called Integer Coefficients
+ x, y are the ordered pair
(coordinate)

Standard Form

Solution of an Equation: two variables, ordered pair (x, y) , that make the equation True!

Check Solutions:

$$A = 1$$

$$B = 2$$

$$C = 5$$

Given the linear Equ

$$1x + 2y = 5 \rightarrow \text{Standard Form}$$

find if $(1, 2)$ & $(7, -3)$ are solutions
try (x, y)
 $(1, 2)$

$$x + 2y = 5$$

$$(1) + 2(2) \stackrel{?}{=} 5$$

$$1 + 4 \stackrel{?}{=} 5$$

$$5 = 5 \checkmark$$

so... $(1, 2)$
is a solution

$$x + 2y = 5$$

$$(7) + 2(-3) \stackrel{?}{=} 5$$

$$7 + -6 \stackrel{?}{=} 5$$

$$1 \neq 5$$

$$(7, -3)$$

so... $(7, -3)$

is NOT a solution

O.T.L.

① Pg 210: Checkpoint at the Bottom
a, b, + c (not letter d)

② Pg 213: 3-6 (all)