

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

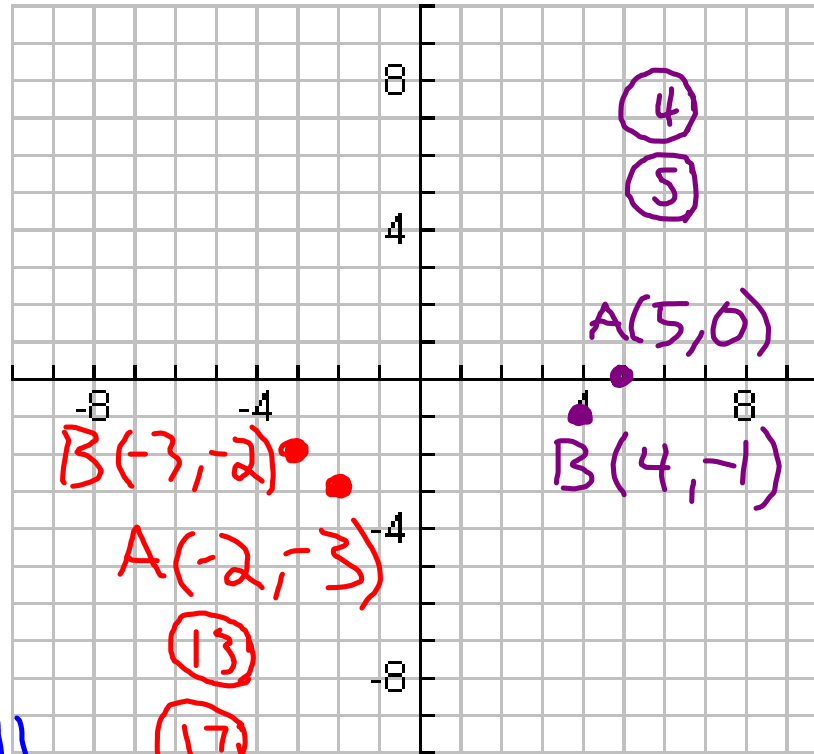
25) III 29) C

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 ordered pairs (coordinates)

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

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

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

$$\begin{array}{r} x + 2y = 5 \\ (1) + 2(2) \stackrel{?}{=} 5 \\ 1 + 4 \stackrel{?}{=} 5 \\ 5 = 5 \checkmark \end{array} \quad \begin{array}{l} \text{so... } (1, 2) \\ \text{is a Solution} \end{array}$$

$$\begin{array}{r} x + 2y = 5 \\ (7) + 2(-3) \stackrel{?}{=} 5 \\ 7 + -6 \stackrel{?}{=} 5 \\ 1 \neq 5 \end{array}$$

$$\rightarrow \text{exp } (7, -3)$$

So... $(7, -3)$
is NOT a Solution

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

② Pg 213: 3-6 (all)