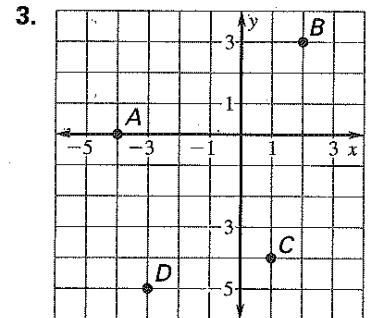
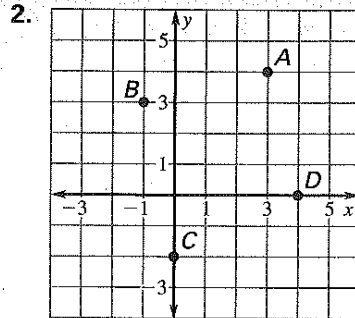
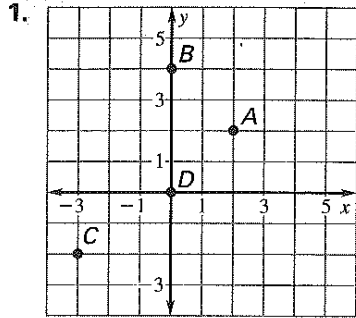


Worksheet 4.1 – Coordinates and Scatter Plots – Textbook pages 203-205

LEVEL 1

Write the ordered pairs that correspond to the points labeled *A*, *B*, *C*, and *D* in the coordinate plane.



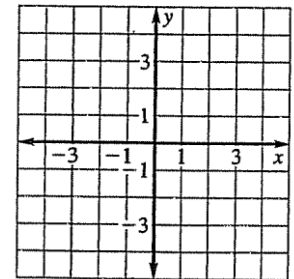
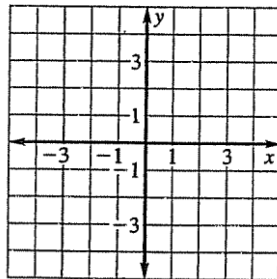
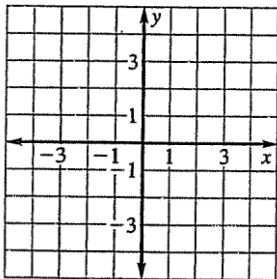
LEVEL 2

Plot and label the ordered pairs in a coordinate plane.

4) $A(2,2)$ $B(2,4)$ $C(2,5)$

5) $D(3,2)$ $E(2,1)$ $F(4,0)$

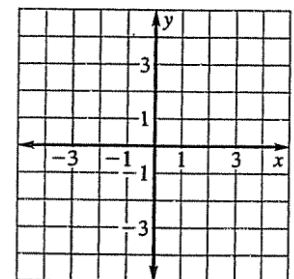
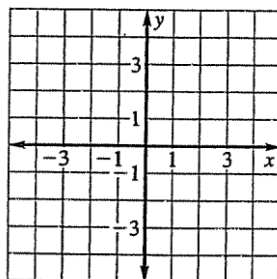
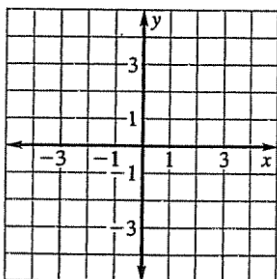
6) $G(-3,1)$ $H(-4,1)$ $I(2,-1)$



7) $C(-5,-2)$ $A(-5,0)$ $T(-3,2)$

8) $M(0,2)$ $O(3,-3)$ $P(-1,-3)$

9) $D(-1,1)$ $O(0,-2)$ $G(3,4)$



LEVEL 3

Solve the following problems:

Hourly Pay The table shows the number of hours worked and the corresponding pay in dollars. Make a scatter plot of the data. Let each ordered pair have the form (h, d) .

<i>h</i>	1	2	3	5	8
<i>d</i>	4.50	9.00	13.50	22.50	36.00

Yards to Feet The table shows some measurements in yards and the corresponding measurement in feet. Make a scatter plot of the data. Let each ordered pair have the form (y, f) .

<i>y</i>	1	5	10	15	20
<i>f</i>	3	15	30	45	60

Basketball The following table shows the heights (in inches) of players on a high school basketball team and how many players are each height. Make a scatter plot of the data. Use the horizontal axis to represent the height.

Height (in inches)	69	70	71	72	73	74	75	76	77
Number of players	1	0	2	5	3	2	0	0	1

LEVEL 4

Describe the relationships in the previous 3 problems.

Hourly Pay:

Yards to Feet:

Basketball: