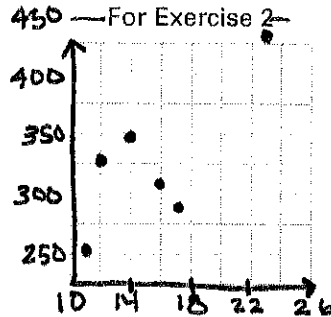
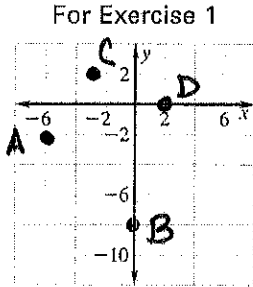


Quiz 1

For use after Lessons 4.1-4.3

1. Plot and label the ordered pairs $A(-6, -2)$, $B(0, -8)$, $C(-3, 2)$, and $D(2, 0)$ in the coordinate plane. (Lesson 4.1)



Answers

1. Use grid at left.
2. Use grid at left.
3. _____
4. _____
5. $y = 5$

2. The table shows the number of chapters and the numbers of pages for six textbooks. Construct a scatter plot of the data. (Lesson 4.1)

Textbooks	English	Math	Science	Health	Social Studies	Spanish
Number of chapters, x	11	14	12	16	23	17
Number of pages, y	252	346	328	310	430	288

3. Find two solutions of the equation $y = 3x - 5$. (Lesson 4.2)
4. Rewrite the equation $2x - 4y = 4$ in function form. (Lesson 4.2)
5. Write an equation of a horizontal line. (Lesson 4.3)

3.

x	y	
0	-5	$(0, -5)$
1	-2	$(1, -2)$
2	1	$(2, 1)$
3	4	$(3, 4)$

~~y can~~ y can be equal to any number.

$$4. \quad 2x - 4y = 4$$

$$\quad -2x \qquad \qquad -2x$$

$$\frac{-4y}{-4} = \frac{4 - 2x}{-4}$$

$$y = -1 + \frac{1}{2}x$$

or

$$y = \frac{1}{2}x - 1$$

