Mid-Chapter Review

1. a) Marcel created this graph for a community newsletter. What does it compare?
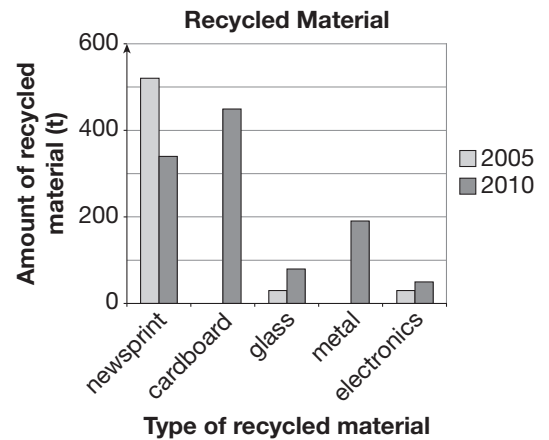
e.g., amounts of five kinds of recycled materials in two different years

Recycled Material

b) Write *more* or *less* to compare amounts in 2010 with 2005.

In 2010, there was **more** glass recycled. There was **less** newsprint recycled.

c) What does the graph show about recycling metal?

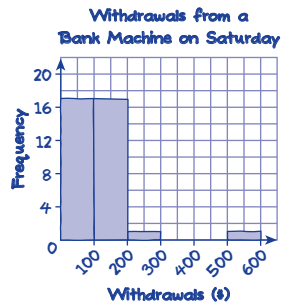*e.g., Metal was not recycled in 2005. It was recycled in 2010.*

2. Megan works at a bank, where she collected this data. Graph the data on grid paper. Justify the type of graph.

e.g., histogram; I could show the data in 6 intervals.

Withdrawals from a Bank Machine on Saturday					
$120	$220	$ 80	$ 80	$ 60	$ 80
$ 60	$ 80	$200	$140	$160	$ 60
$100	$140	$160	$200	$140	$120
$120	$160	$ 80	$120	$120	$140
$ 80	$ 40	$ 60	$100	$180	$ 80
$ 40	$600	$120	$ 40	$140	$100

2. e.g.,

3. a) Hikers made these records. Graph the data on grid paper. Justify the type of graph.

e.g., line graph; There are no intervals in the data.

b) How long did they hike? **1** h

c) What distance did they hike? **1200** m

d) Describe the trend.

e.g., The hikers' distance increased until they stopped. Then their distance decreased as they came back.

Distance Travelled from the Cabin on a Hike	
Total time (min)	Distance from cabin (m)
0	0
10	200
20	400
30	600
40	600
50	500
60	0

3. a) e.g.,

Chapter 2 Working with Graphs