

## Warm-Up

#### Analyzing Data



#### Words to Know

Fill in this table as you work through the lesson. You may also use the glossary to help you.

qualitative data	a type of non-numerical,	data
quantitative data	a type of	data that can be measured

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Warm-Up







#### Instruction



Instruction



Words to Know	
Write the letter of the defini	ition next to the matching word as you work through th
lesson. You may use the gl	lossary to help you.
nonlinear	A. not forming a straight line
probability	B. forming a straight line
graph	C. the likelihood that a given event will occur
linear	D. to examine in detail
analyze	E. a visual representation of data

Data Analysis
Write the correct phrase into the boxes in the flow diagram.
Collect . data. Draw .

Instruction







## Instruction





## Instruction





crust. Using the pie graph, it is easy to see that oxygen is the most abundant element in Earth's crust.

Instruction









Instruction



and

#### Analyzing Data



0

10-14 15-19 20-24 25-29 30-34 35-39 Age

Instruction







## Instruction Analyzing Data







# Summary

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	Review: Key Concepts GRAPHS
	Graphs are visual representations that display data in a variety of ways.
	• Line graphs show
	Bar graphs     for particular categories.
	Pie graphs show the relationship among of .
	Scatterplots show the relationship between two sets of data.
	Histograms represent the of data.
	Frequency distributions     data into     and
	show how often a particular value occurs.
	Paviawy Kay Cancenta
	PROBABILITY
	is the that an event will occur.
	<ul> <li>Probability = <u>Number of desired outcomes</u> Total number of outcomes</li> </ul>
	<ul> <li>Values between 0 and 1</li> </ul>
	• 0 = impossible
	• $\frac{1}{2}$ = equally likely
	• 1 = certain





# Summary

## Analyzing Data

Use this space to write any questions or thoughts about this lesson.