



worksheet **2**

Astronaut

In the DVD program, *The Math Path*, examples are given of how different careers would be affected in a world without math. Here are some suggested problems for your students to solve to see how math is used in various careers and its importance to our daily lives.

Astronaut

Change each planet's diameter from a customary to a metric amount.

Remember: To change a diameter from miles to kilometers, multiply by 1.61.

Planet	Diameter in Miles*	Diameter in Kilometers
Mercury	3,032	_____
Venus	7,521	_____
Earth	7,926	_____
Mars	4,221	_____
Jupiter	88,846	_____
Saturn	74,897	_____
Uranus	31,763	_____
Neptune	30,775	_____
Dwarf Planet		
Pluto	1,485	_____

*According to: http://nssdc.gsfc.nasa.gov/planetary/factsheet/planet_table_british.html