LESSON 4 WORKSHEET SCENIC SCIENCE

ANSWERS:	
INITIALS:	

TINKERING (Short Answer)

- 1. What did you use in the center of your wheel (windmill, waterwheel, other)? CIRCLE ROD/SHAFT HOLDER/PINCHER GEAR
- What is an RPM? (or use a vector arrow to draw 1 REV)RPM's are revolutions per minute which is ONE FULL TURN of a wheel, a windmill, or a gear.



in one minute

ENERGY TYPES

Determine the Energy Type: Underline the correct answer.

1. Food or Gasoline **POTENTIAL** or **KINETIC** 2. A Working Waterwheel or Windmill POTENTIAL **KINETIC** or 3. Elevated Water **POTENTIAL KINETIC** or 4. Flowing Water POTENTIAL **KINETIC** or

MAP READING - MEASURING ABRAHAM'S JOURNEY

What makes the green regions fertile? (CIRCLE TWO)

RAINFALL DESERTS RIVERS SAND

USE THE km SCALE approximate (~): →

- a) What is the approx. distance from Urto Harran: ~1125 km
- b) What is the approx. distance from Harran to Shechem: ~625 km (~1 cm = 250 km):

OBSERVING GEARS:

Circle the correct answer.

1. Which image shows gears that CAN'T do work?







- 125 250 mi ASIA Caspian Sea 125 250 km Halab (Aleppo) MEDES ELAMITES 1-Dead Sea GOSHEN Zoan (Tanis) Etham Rameses Pithom Succott PERSIANS sheba Kadesh-barn ARABIAN DESERT EGYPT ABRAHAM'S JOURNEY THE EXODUS Abraham's migration, about 2000 sc Hebrew migration out of Egypt, about 1200s sc **AFRICA** Fertile regions © 2015 Encyclopædia Brit
- 2. Are your gears: FREE wheels/gears or FIXED wheels/gears
- 3. Are your pegs/rods: FREE or FIXED to the peg board (not turning)