

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

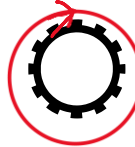
ROD/SHAFT

HOLDER/PINCHER

GEAR

2. 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 | <u>POTENTIAL</u> | or | KINETIC |
| 2. A Working Waterwheel or Windmill | POTENTIAL | or | <u>KINETIC</u> |
| 3. Elevated Water | <u>POTENTIAL</u> | or | KINETIC |
| 4. Flowing Water | POTENTIAL | or | <u>KINETIC</u> |

MAP READING – MEASURING ABRAHAM'S JOURNEY

What makes the green regions fertile? (CIRCLE TWO)

RAINFALL

DESERTS

RIVERS

SAND

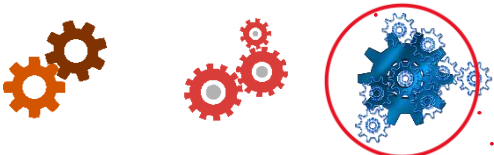
USE THE km SCALE approximate (~): →

- a) What is the approx. distance from Ur to 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?



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)

