

Name: \_\_\_\_\_

Date: \_\_\_\_\_

# simple machines

B F H K F R L Q B J X B X N F W B U N C R X B D  
U B T W H B N D J U M C I V I I F R I C T I O N  
N G R U Q K B B A C H I U W G U C S M E E Y H J  
N I K D B L O C K A N D T A C K L E T K F I S J  
I U D G P U L L E Y P T K S Z G B S U K Q K C K  
W S N V L P O T E N T I A L E N E R G Y K F O X  
V Q U G H A J E M Y N C U Z J B U D J L Y E E U  
T S O A L M E C H A N I C A L A D V A N T A G E  
F W O N R O Y N O R R U Q H V R T M I B L N B W  
F U W N B N E T W R Z T N T Z G X F X P Q H M I  
H Q A H I E F T G C X M G J T B U T H N F P O H  
D P V N E F E A Q U E Q L A Z E W F Z R Q B V T  
X G A R G F N L E V E R X W X M L M H D L L G B  
R E V E X G Z A J L T M T K P H O K C O T T S T  
F S I S I V F Z T S S K E D H O A S D B R T M S  
J V M I A X L E M C I B V I C A D Q D V X K R W  
N B P S Y A C Z D R V T A D F O R C E D C N R O  
V I U T M T Y U D E O K K I P C P H D L R Z Z I  
Z E L A C G U T R W C Q M I H J P F S N T J X Q  
U F S N E A S O A B A E Y X I A T Z N E U Q P V  
O F E C U Y F U G H T U K L E Z Q H W H E E L M  
A O A E G E A R L I S W K W T N A Z H W N H E E  
W R I B D V R I T K A S K M M S E V R N J A U Z  
Z T D G D L W I T I I E J G R I Y Y B W K S V G

mechanical advantage

block and tackle

potential energy

resistance

friction

impulse

pulley

effort

wheel

screw

lever

force

gear

axle

load