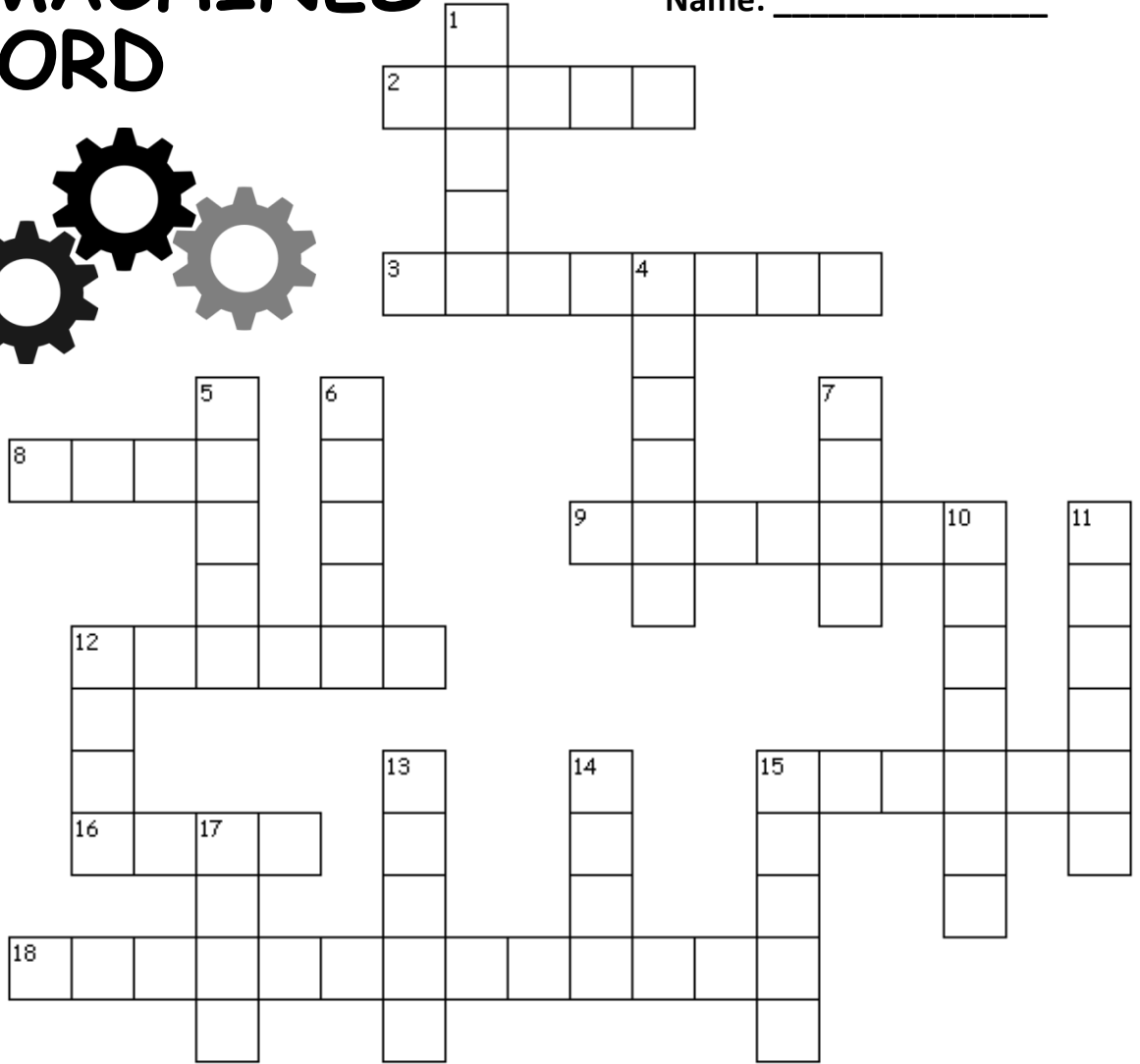
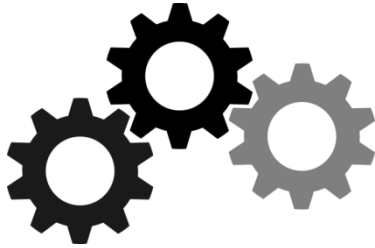


SIMPLE MACHINES CROSSWORD

Name: _____

Word Bank:

- axle
- energy
- force
- friction
- fulcrum
- inclined plane
- lever
- load
- machine
- power
- pulley
- pull
- push
- screw
- spring
- tool
- torque
- wedge
- wheel
- work



Across

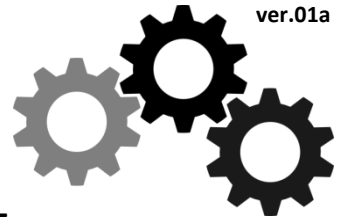
- 2. To force an opening.
- 3. The act of a surface or an object rubbing against each other.
- 8. To move something away by pressing against it.
- 9. The support on which a lever turns or is helped in moving or lifting something.
- 12. A wheel that has a groove in the rim where a rope can run and change the direction of the pull.
- 15. Something that produces action, a moving force.
- 16. Amount of work a machine is expected to perform.
- 18. A plank or plane surface put at an angle to a horizontal surface.

Down

- 1. A bar which rests on a fulcrum.
- 4. A force that causes rotation.
- 5. A round frame that turns on a pin or shaft in its middle.
- 6. Exerting pressure or influence over object or substance.
- 7. An effort in doing or making something.
- 10. Any device that applies or changes the direction of power force, or motion.
- 11. The capacity for doing work.
- 12. To move, usually with force or effort.
- 13. Strength or force that can be exerted on other bodies.
- 14. An instrument of work.
- 15. Cylinder with a ridge winding around it.
- 17. Bar on which a wheel turns.

SIMPLE MACHINES WORDSEARCH

ver.01a



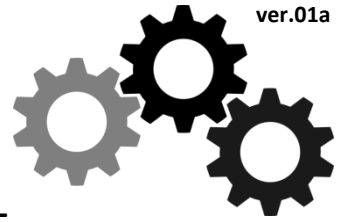
Name: _____

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

AXLE	LOAD	PUSH
DISTANCE	MACHINE	RESISTANCE
ENERGY	MECHANICAL ADVANTAGE	SCREW
EXERT	METER	SIMPLE MACHINE
FORCE	MOTION	SPRING
FRICTION	NEWTON	TOOL
FULCRUM	PIVOT	TORQUE
GEAR	PLANE	WATT
INCLINED PLANE	POWER	WEDGE
KINETIC	PULL	WHEEL
LEVER	PULLEY	WORK

SIMPLE MACHINES WORDSEARCH

ver.01a



Name: _____

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

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|----------------|----------------------|----------------|
| AXLE | LOAD | PUSH |
| DISTANCE | MACHINE | RESISTANCE |
| ENERGY | MECHANICAL ADVANTAGE | SCREW |
| EXERT | METER | SIMPLE MACHINE |
| FORCE | MOTION | SPRING |
| FRICTION | NEWTON | TOOL |
| FULCRUM | PIVOT | TORQUE |
| GEAR | PLANE | WATT |
| INCLINED PLANE | POWER | WEDGE |
| KINETIC | PULL | WHEEL |
| LEVER | PULLEY | WORK |