

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

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



# GENIUSCHALLENGE

## SIMPLE MACHINES

### Word Box

screw

inclined plane

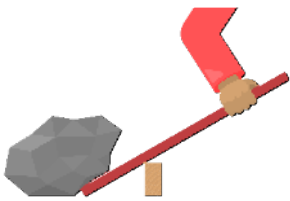
pulley

lever

wheel and axle

wedge

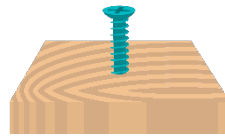
1-6. Match each picture with the correct word from the word box.



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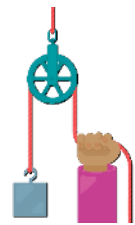
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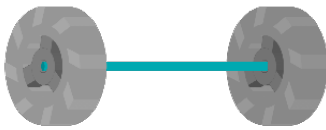
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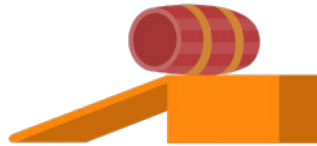
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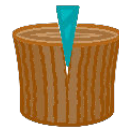
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7. A pulley can change the \_\_\_\_\_ of a force.

a. color

b. kind

c. number

d. direction

8. Simple machines can change the \_\_\_\_\_ of force needed to do something.

a. type

b. amount

c. style

d. height

9. A simple machine is made of few or \_\_\_\_\_ moving parts.

a. 100

b. 10

c. 3

d. No

10. True or False: Only a really strong person can move heavy things.

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