

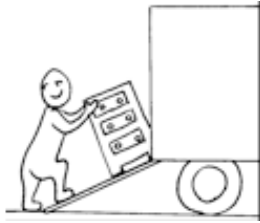
Name \_\_\_\_\_ period \_\_\_\_\_

## 7<sup>th</sup> Grade DO NOW

7.7A Contrast situations where work is done with situations where no work is done.

Date \_\_\_\_\_

Work is defined as distance moved times force used. Look at the picture and determine if work was done on the dresser when it was moved from the bottom of the ramp to the truck.



1. Underline the question.
2. Box the important vocabulary words.
3. Tell something else you know about this topic.

\_\_\_\_\_

4. Answer the question in the space below.

Date \_\_\_\_\_

If the dresser in the picture above weighed 2 times as much, how much more work would be done when moving it from the bottom of the ramp to the truck?

1. Underline the question.
2. Box the important vocabulary words.
3. Tell something else you know about this topic.

\_\_\_\_\_

4. Answer the question in the box.



Date \_\_\_\_\_

If the dresser in the picture weighed 5 times as much, how much more work would be done?

1. Underline the question.
2. Box the important vocabulary words.
3. Tell something else you know about this topic.

\_\_\_\_\_

4. Answer the question in the space below.

Date \_\_\_\_\_

If the boxes in the picture weighed 3 times as much as shown how much work is being done on the boxes as they are shown?



1. Underline the question.
2. Box the important vocabulary words.
3. Tell something else you know about this topic.

4. Answer the question in the space below.

Date \_\_\_\_\_

Explain your answer to yesterday's question.

1. Underline the question.
2. Box the important vocabulary words.
3. Tell something else you know about this topic.

4. Answer the question in the space below.

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

MACHINE  
EFFICIENCY  
INCLINED  
FORCE  
WORK  
POWER  
LEVER  
PULLEY  
SCREW  
WHEEL  
AXLE  
JOULES  
NEWTONS  
WATTS  
FULCRUM

