Name:_____Group:_____

1. Match the sentence halves.

a) An inclined plane is a ramp ... ___
b) An inclined plane increases the distance ... ___
c) The longer the ramp, ... ___
d) A screw is an inclined plane ... ___
e) A wedge is two ... ___

1. wrapped around a pole.
2. inclined planes back to back.
3. used to lift and to lower objects.
4. we move an object but makes the work easier.
5. the less inclined it is.

2. Write what Archimedes did under each picture.

_____
_____
_____

_____
_____
_____

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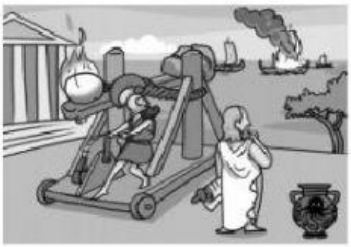
_____



_____
_____
_____

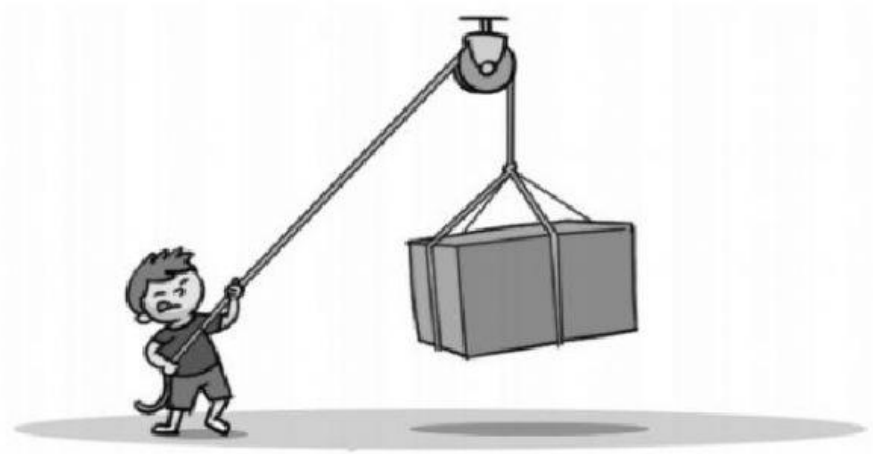
3. Cross out the error and replace it with the correct word from the words in the box.

fire	claw	screw	solving problems	Archimedes

a) Archimedes invented a large pulley to lift boats out of the water.
b) He was very good at mathematics, inventing machines and fighting wars.
c) King Hiero II invented a machine to win a war.
d) He also invented a catapult to break large boulders.
e) A giant lever to lift water was another of his inventions.

4 . Draw arrows to label the illustration.

EFFORT	ROPE	AXLE	LOAD	WHEEL



5 . Draw a catapult, a screw and a claw.