

CHAPTER 1**HANDOUT****Key Terms****BLM 1-1**

Goal • Complete the graphic organizer by filling in the four sections of the chart (definition, facts/characteristics, examples, and non-examples) for key terms in Chapter 1. The first term, *static electricity*, has been done for you.

static electricity
neutral
insulators
closed circuit
series circuit

attract
like charges
ground
open circuit
parallel circuit

repel
unlike charges
circuit
switch

negative
current electricity
source
hazard

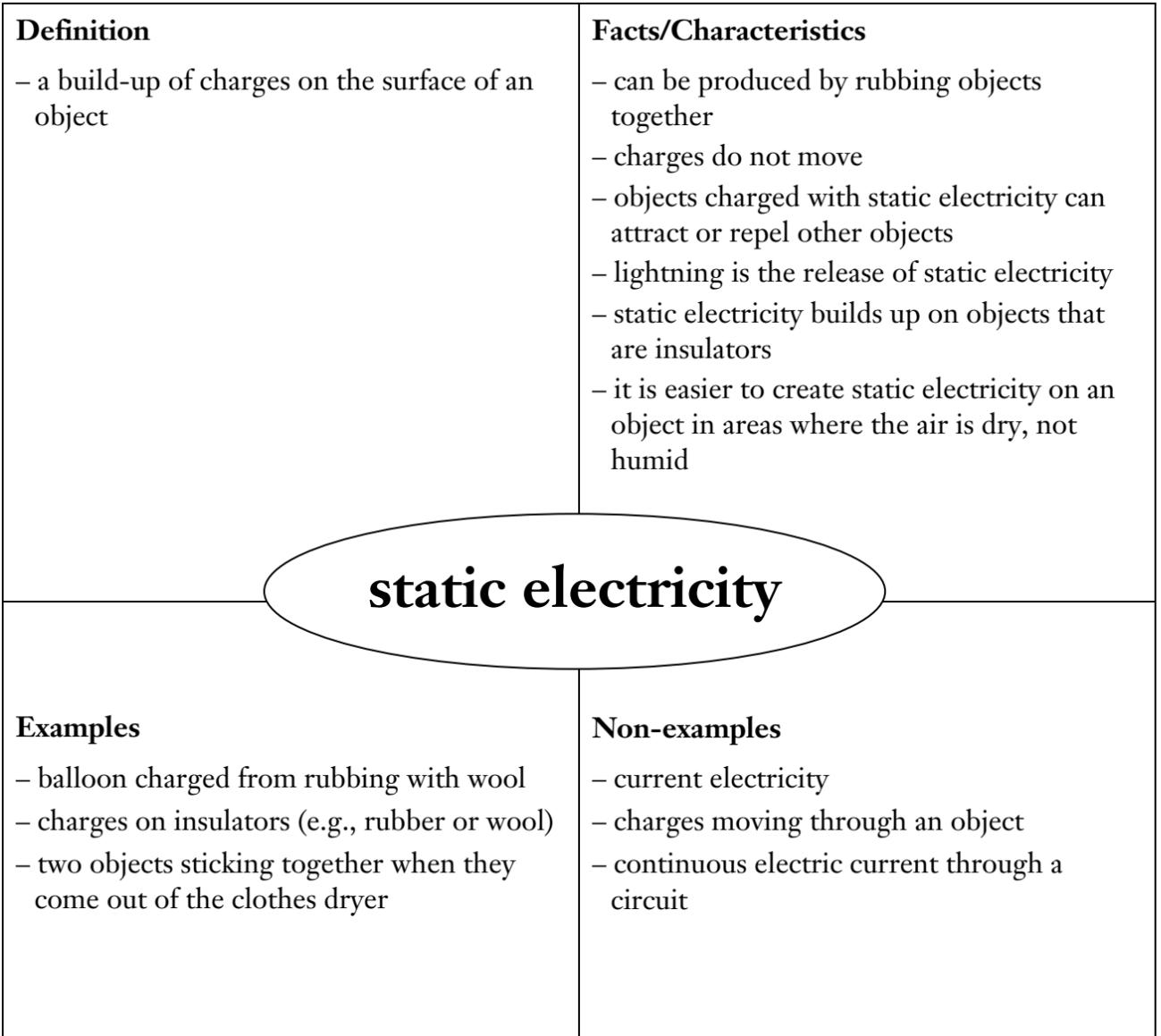
positive
conductors
load
short circuit

Definition

- a build-up of charges on the surface of an object

Facts/Characteristics

- can be produced by rubbing objects together
- charges do not move
- objects charged with static electricity can attract or repel other objects
- lightning is the release of static electricity
- static electricity builds up on objects that are insulators
- it is easier to create static electricity on an object in areas where the air is dry, not humid



static electricity

Examples

- balloon charged from rubbing with wool
- charges on insulators (e.g., rubber or wool)
- two objects sticking together when they come out of the clothes dryer

Non-examples

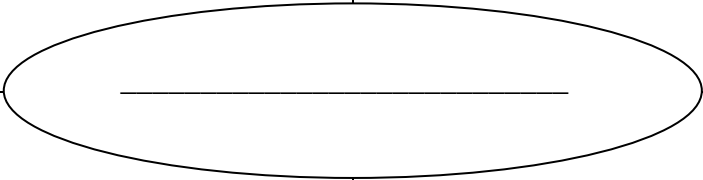
- current electricity
- charges moving through an object
- continuous electric current through a circuit

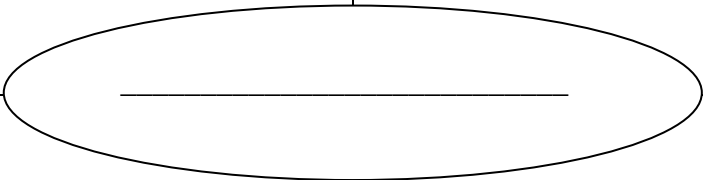
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BLM 1-1
continued

Definition	Facts/Characteristics
	
Examples	Non-examples

Definition	Facts/Characteristics
	
Examples	Non-examples