

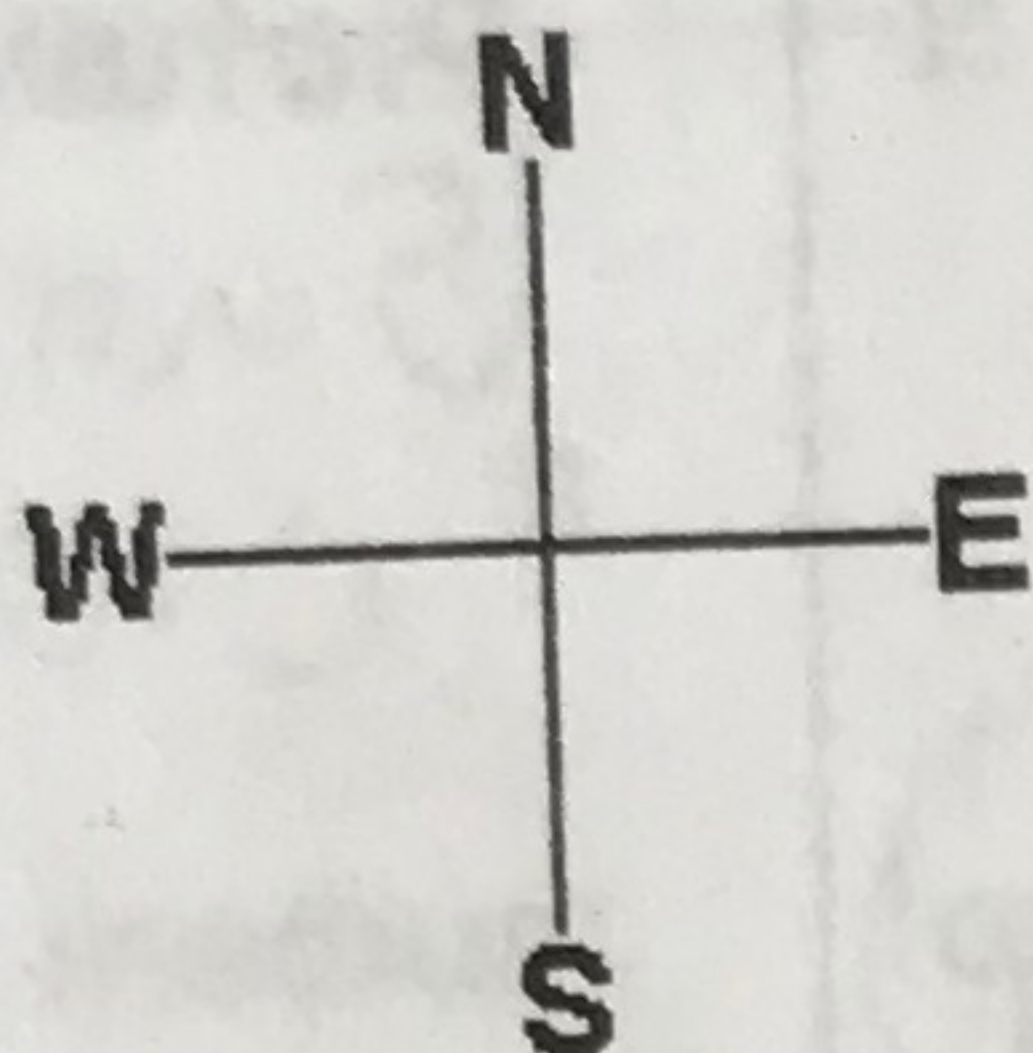
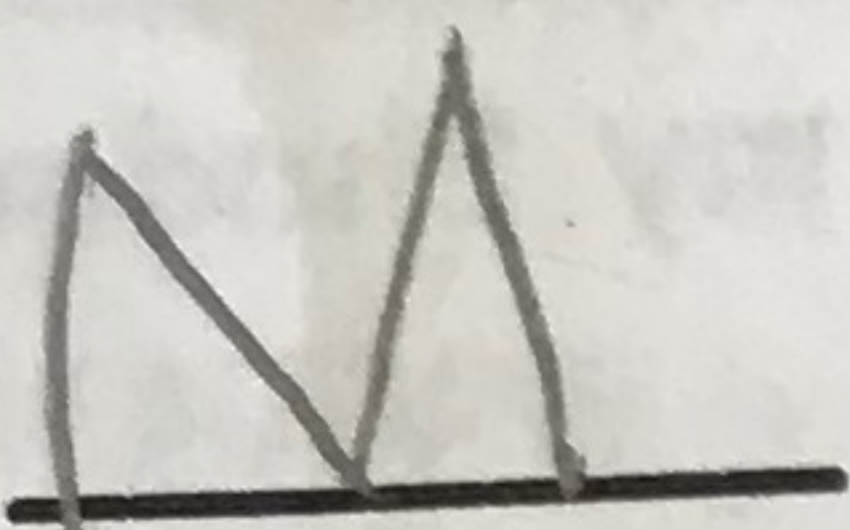


# My Shadow Journal

Name: Indigo

Day 1: Tuesday the 19 of February 2019

Time One



Shadow Direction:

Shadow Length: short

medium

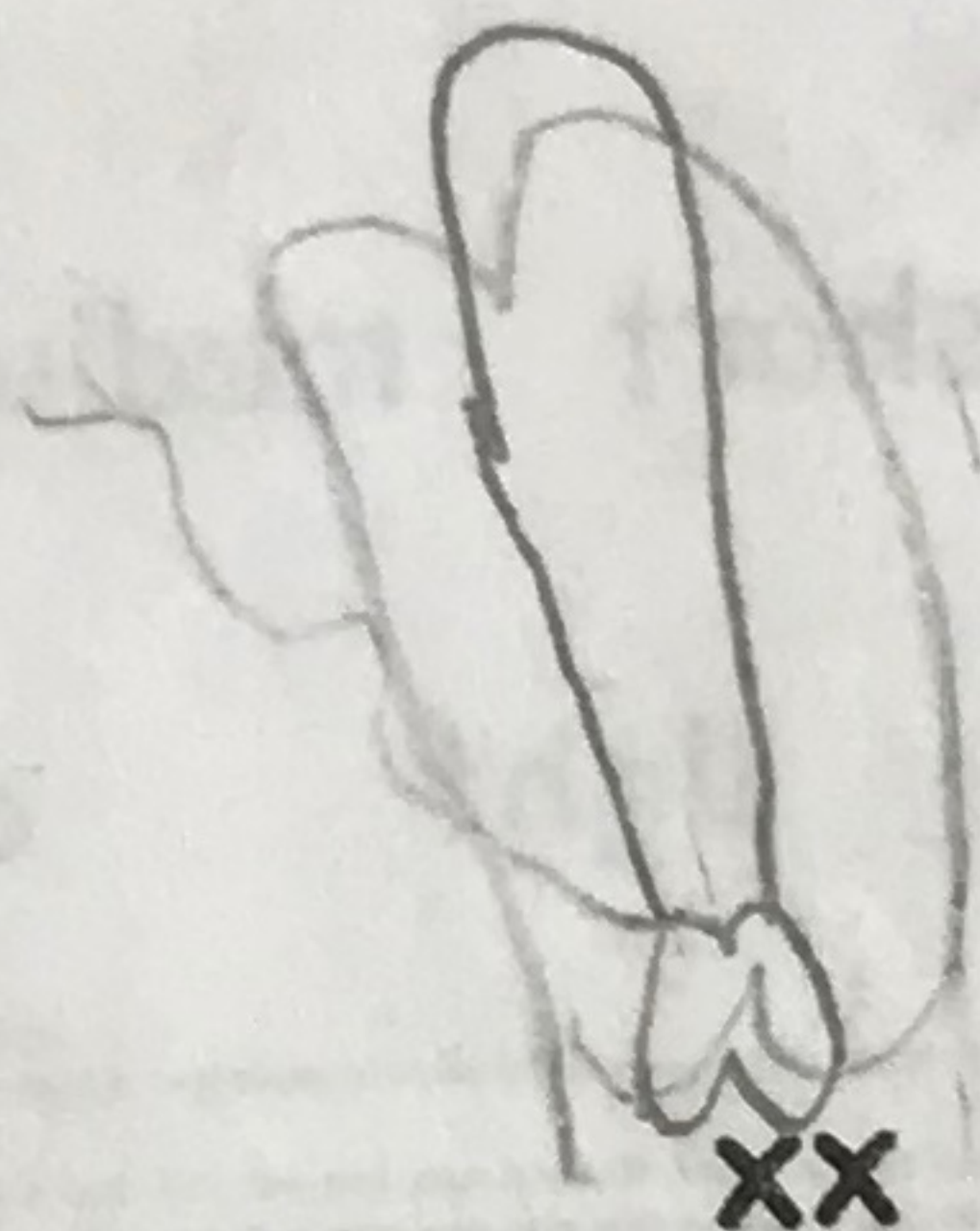
long

Shadow Darkness:

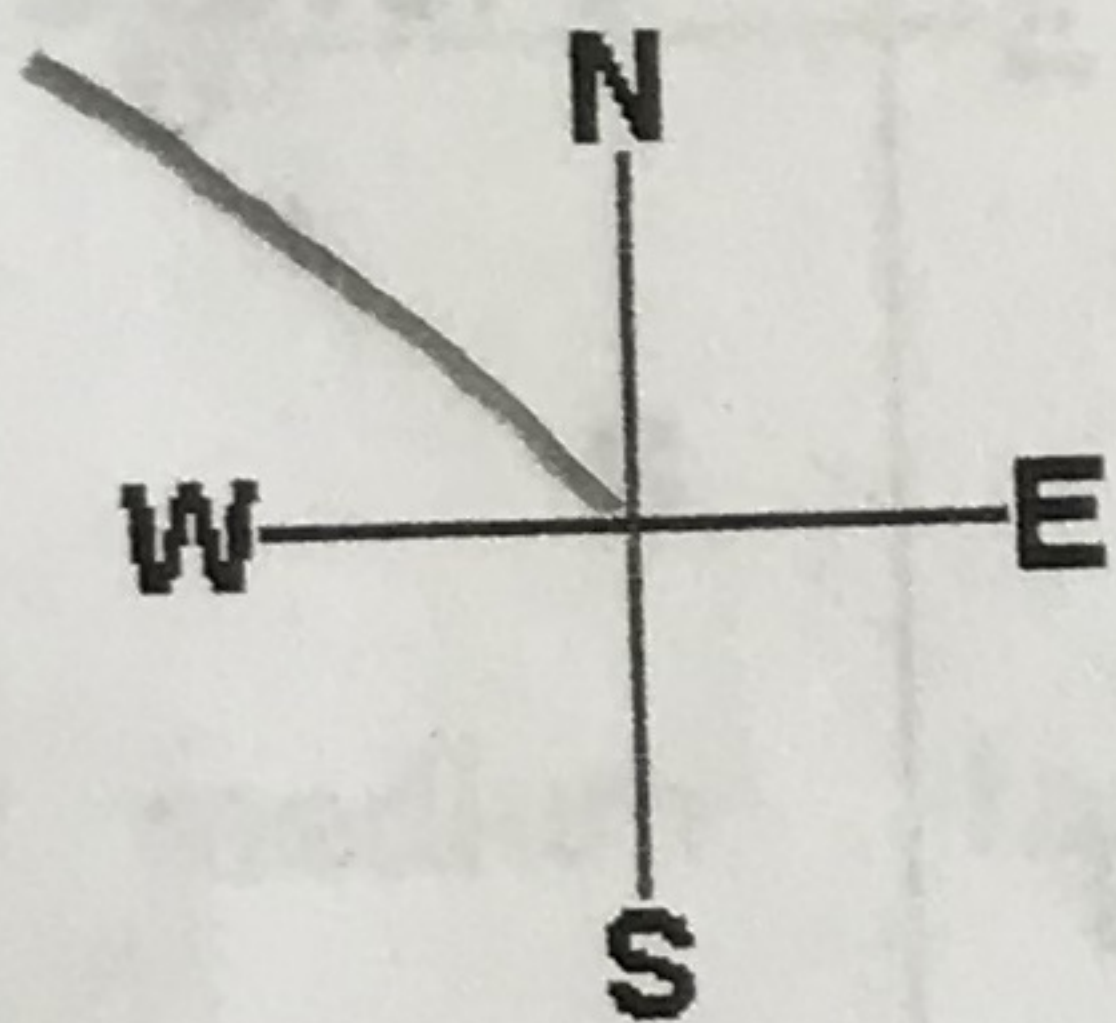
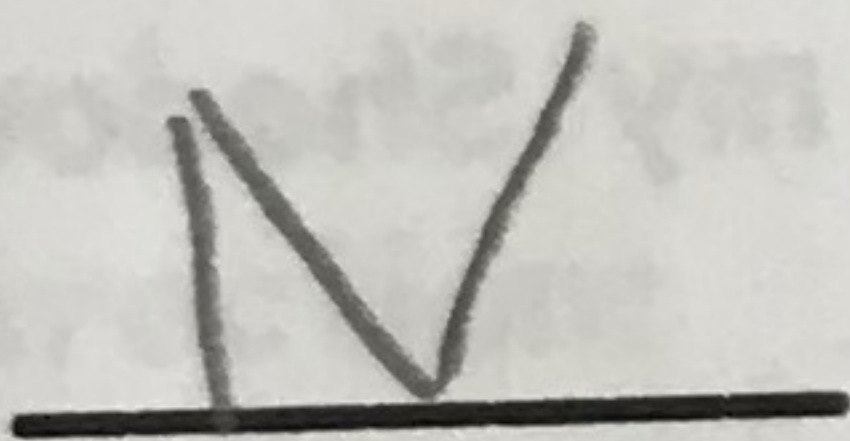
light

dark

Picture of my Shadow



Time Two



Shadow Direction:

Shadow Length:

short

medium

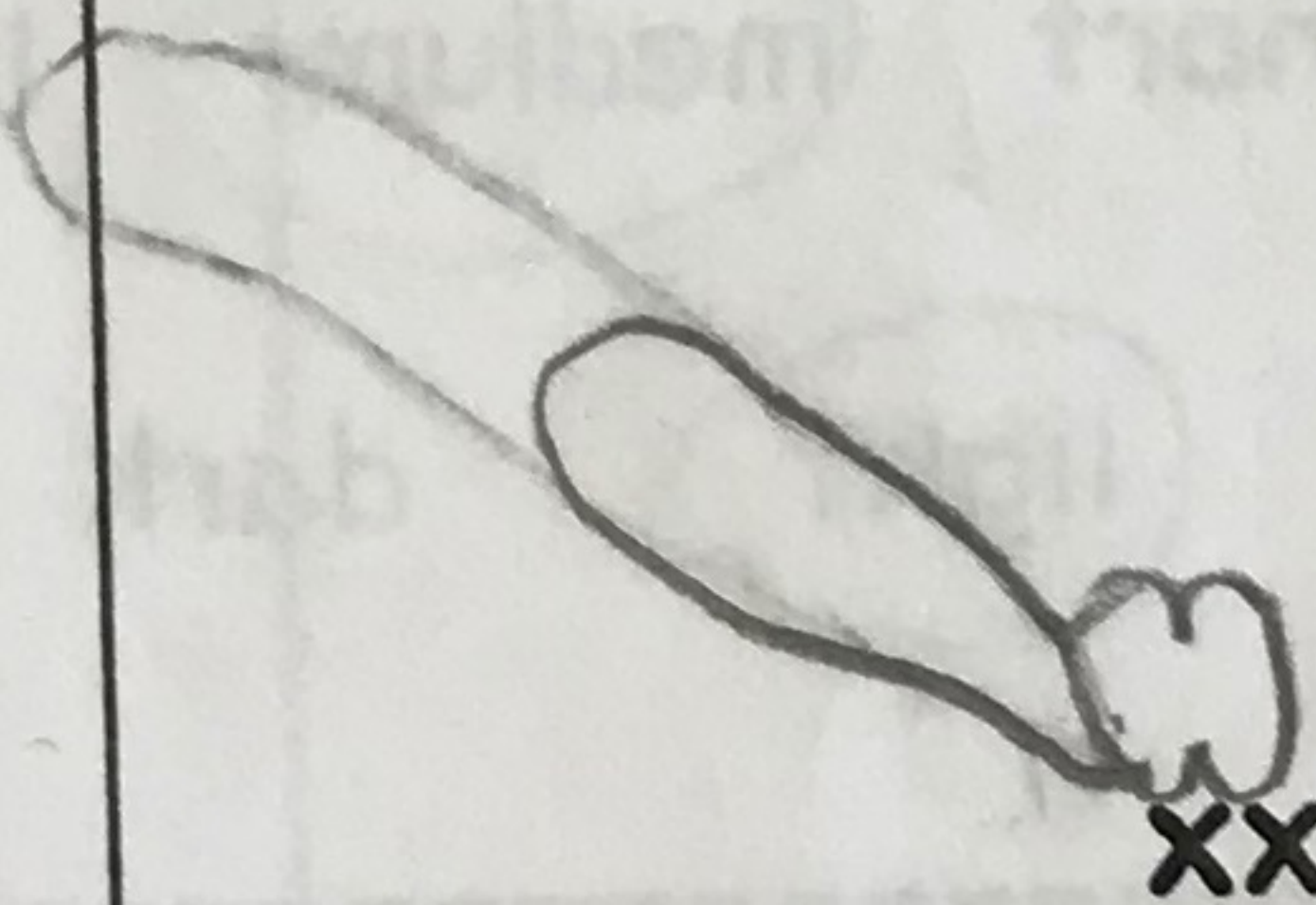
long

Shadow Darkness:

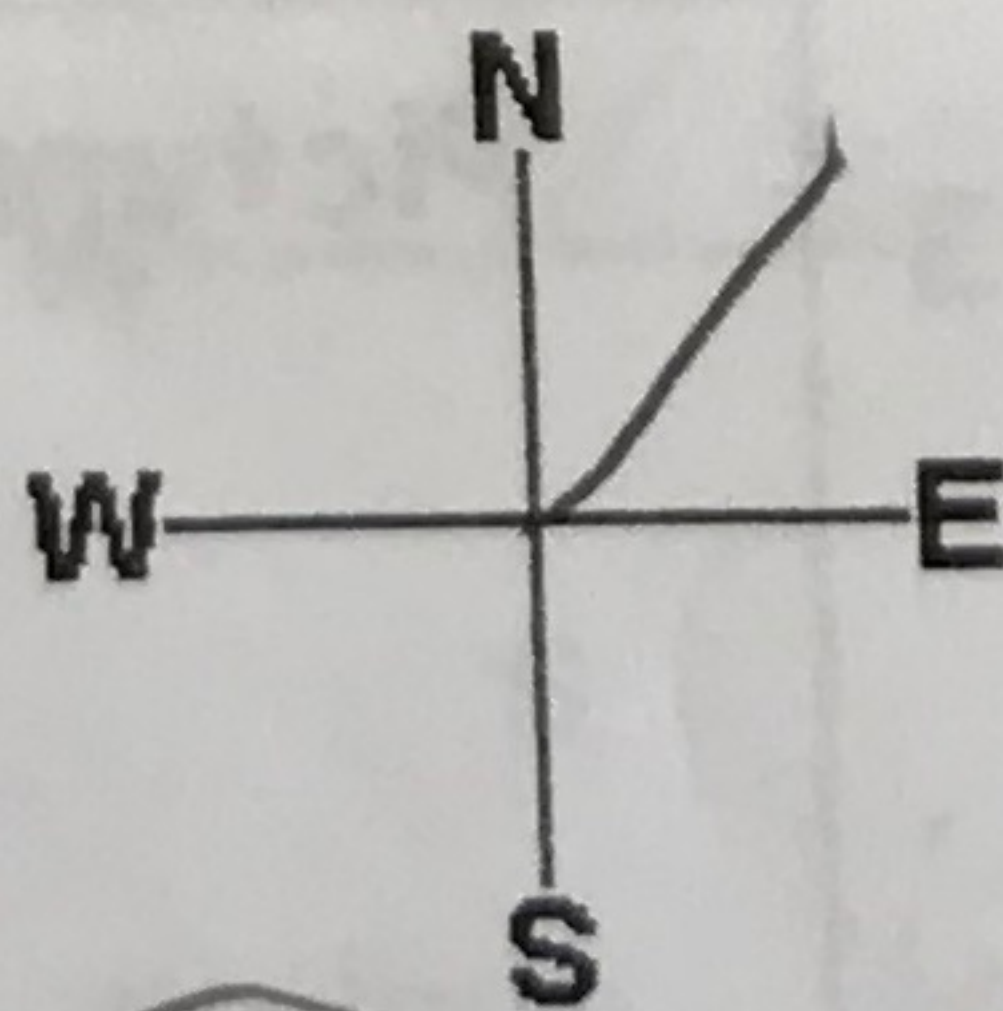
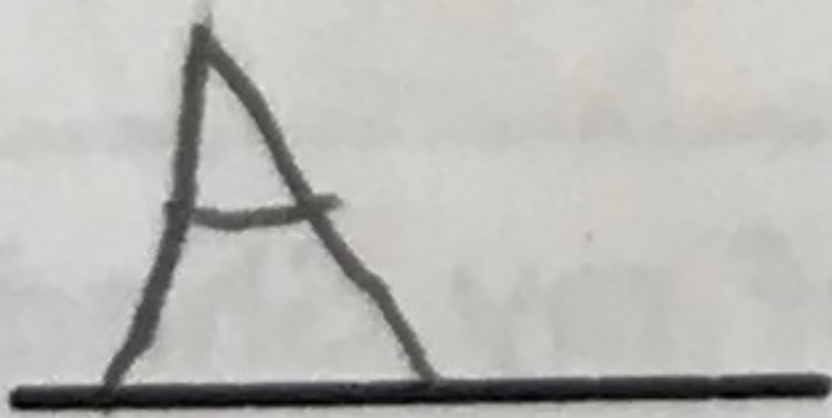
light

dark

Picture of my Shadow



Time Three



Shadow Direction:

Shadow Length:

short

medium

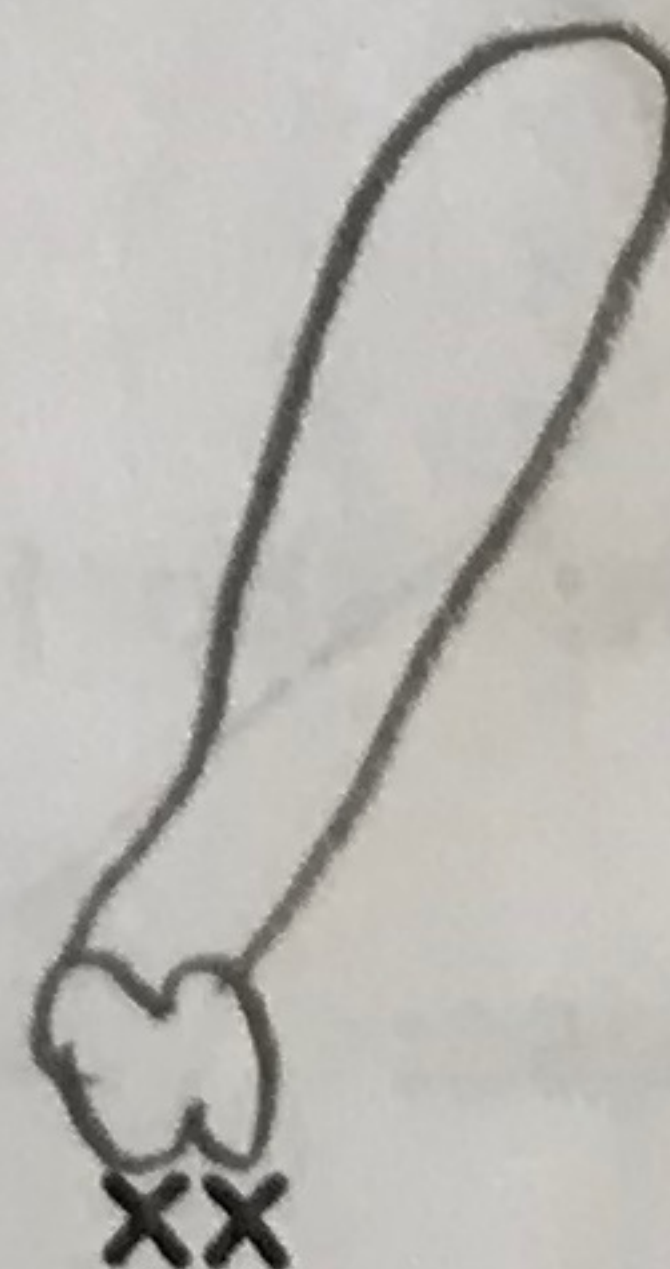
long

Shadow Darkness:

light

dark

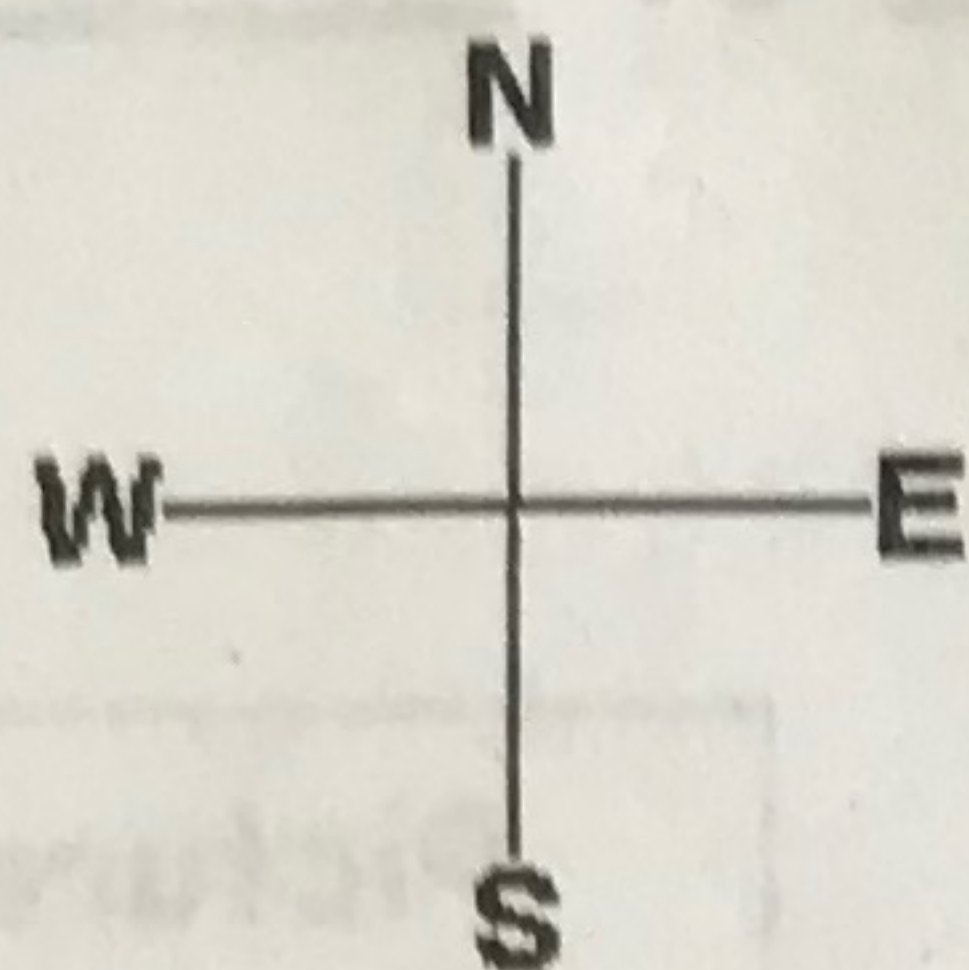
Picture of my Shadow





Day 2: Wednesday the 20 of February 2019

Time One 8:45



Shadow Direction:

Shadow Length: short medium long

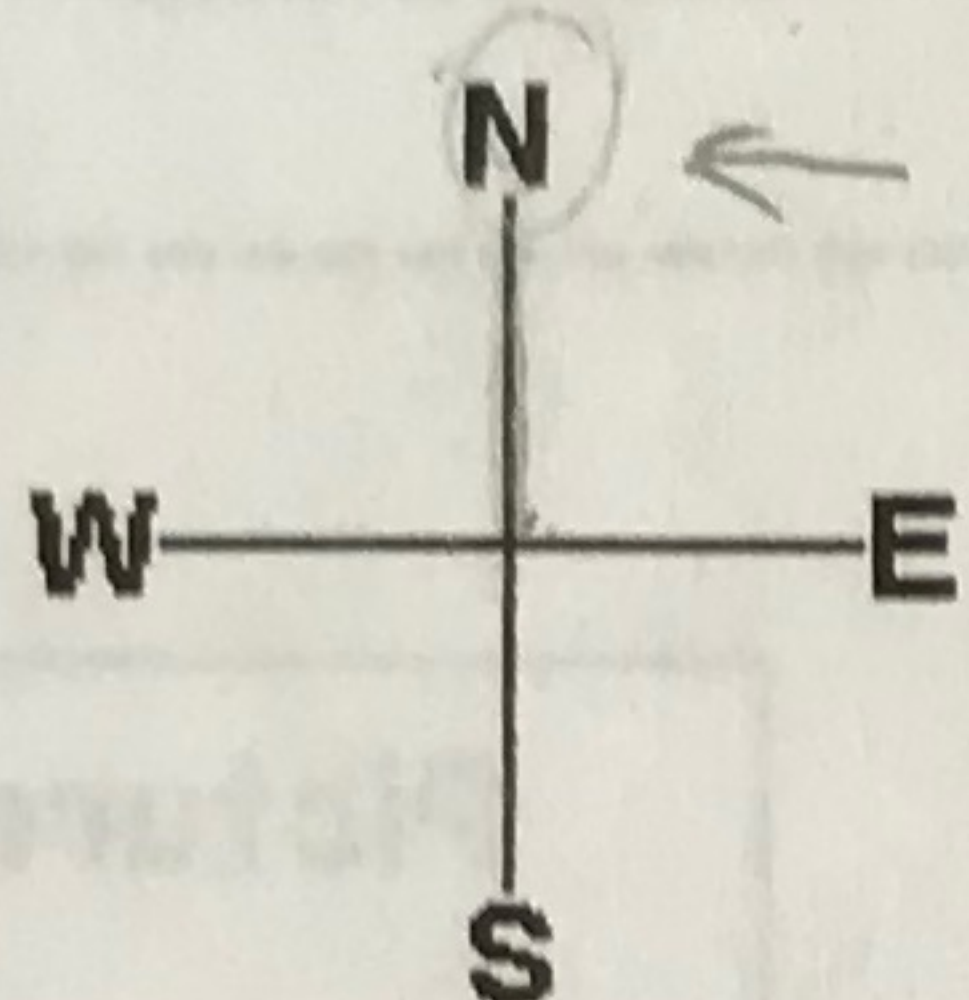
Shadow Darkness: light dark

Picture of my Shadow

Sun behind clouds

xx

Time Two 11:33



Shadow Direction:

Shadow Length: short medium long

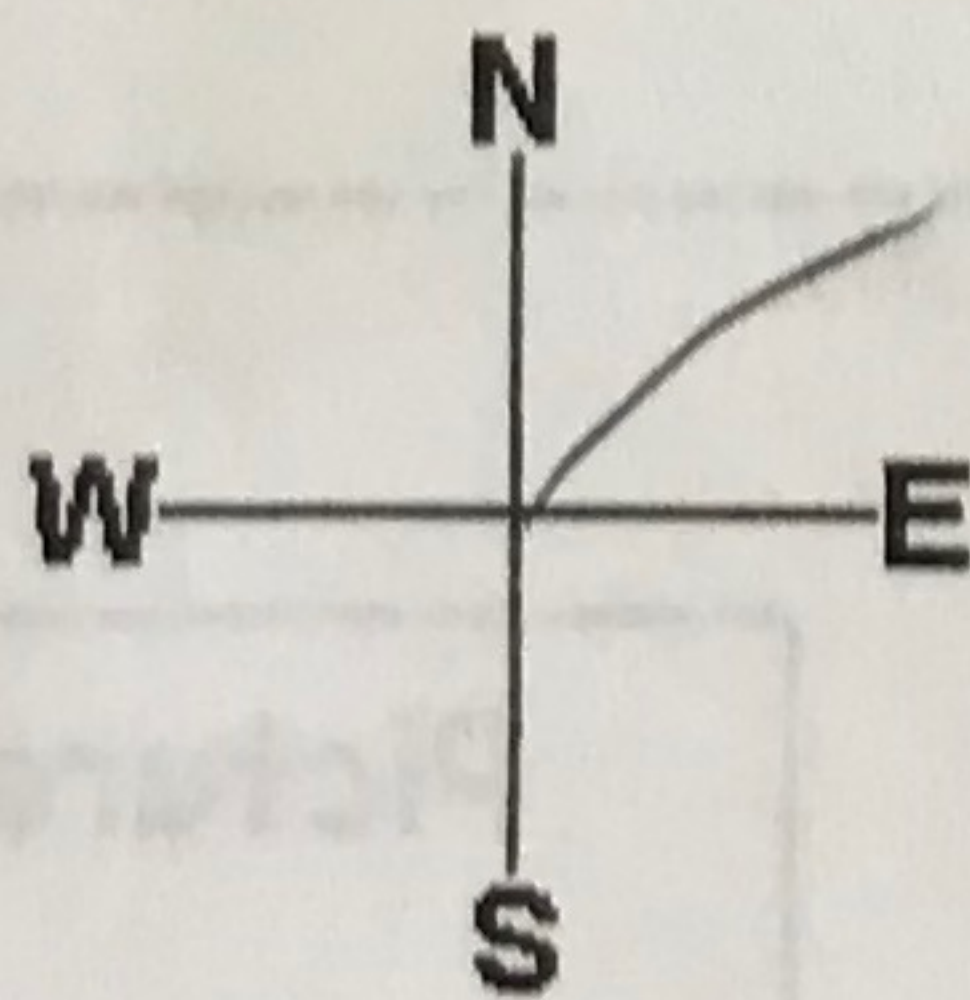
Shadow Darkness: light dark

Picture of my Shadow



xx

Time Three 2:00

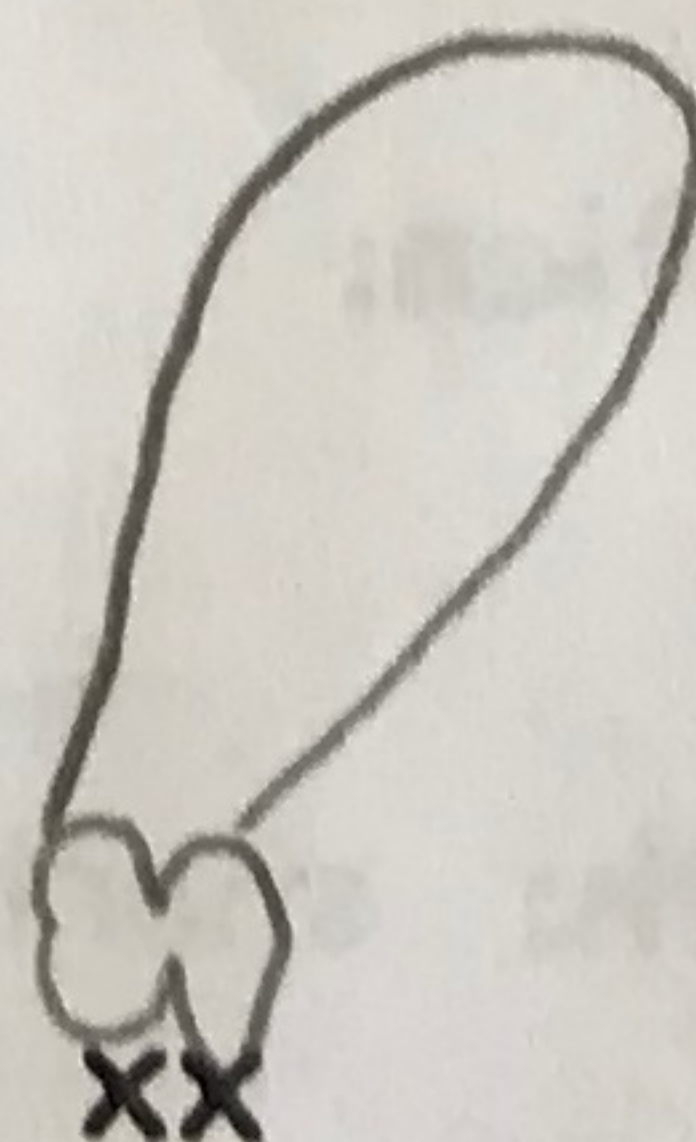


Shadow Direction:

Shadow Length: short medium long

Shadow Darkness: light dark

Picture of my Shadow



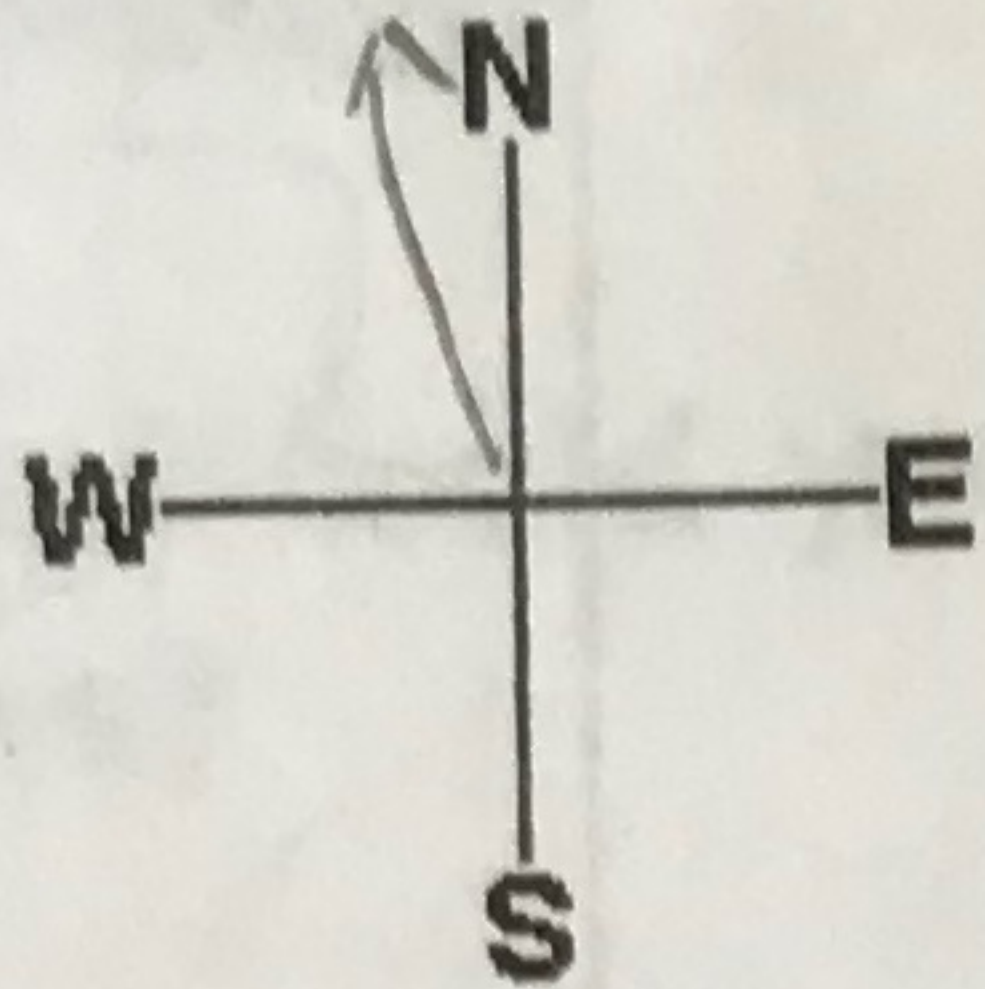
xx



Day 3: Monday the 25 of February 2019

Time One 8:50

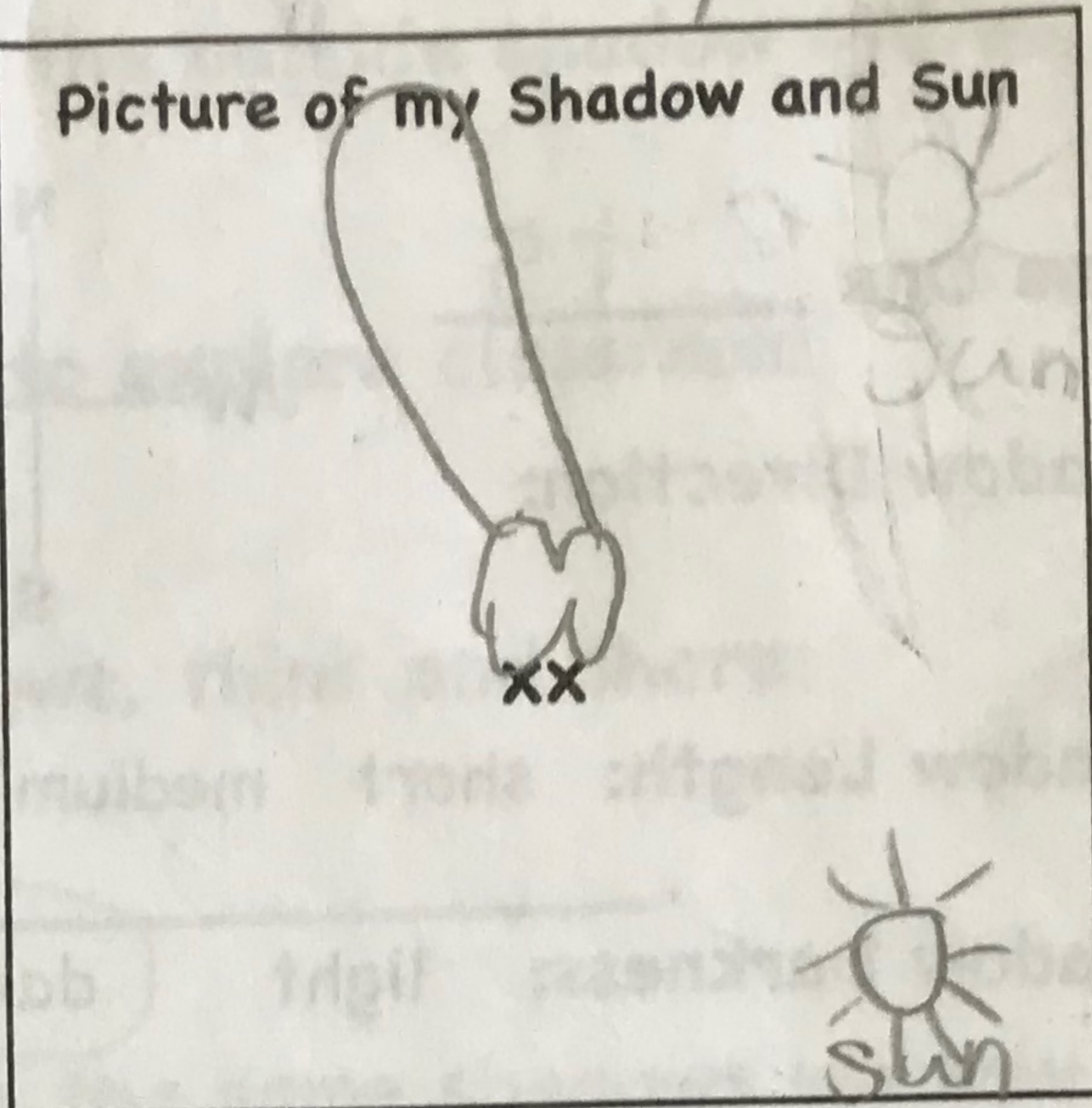
Shadow Direction:



Shadow Length: short medium long

Shadow Darkness: light dark

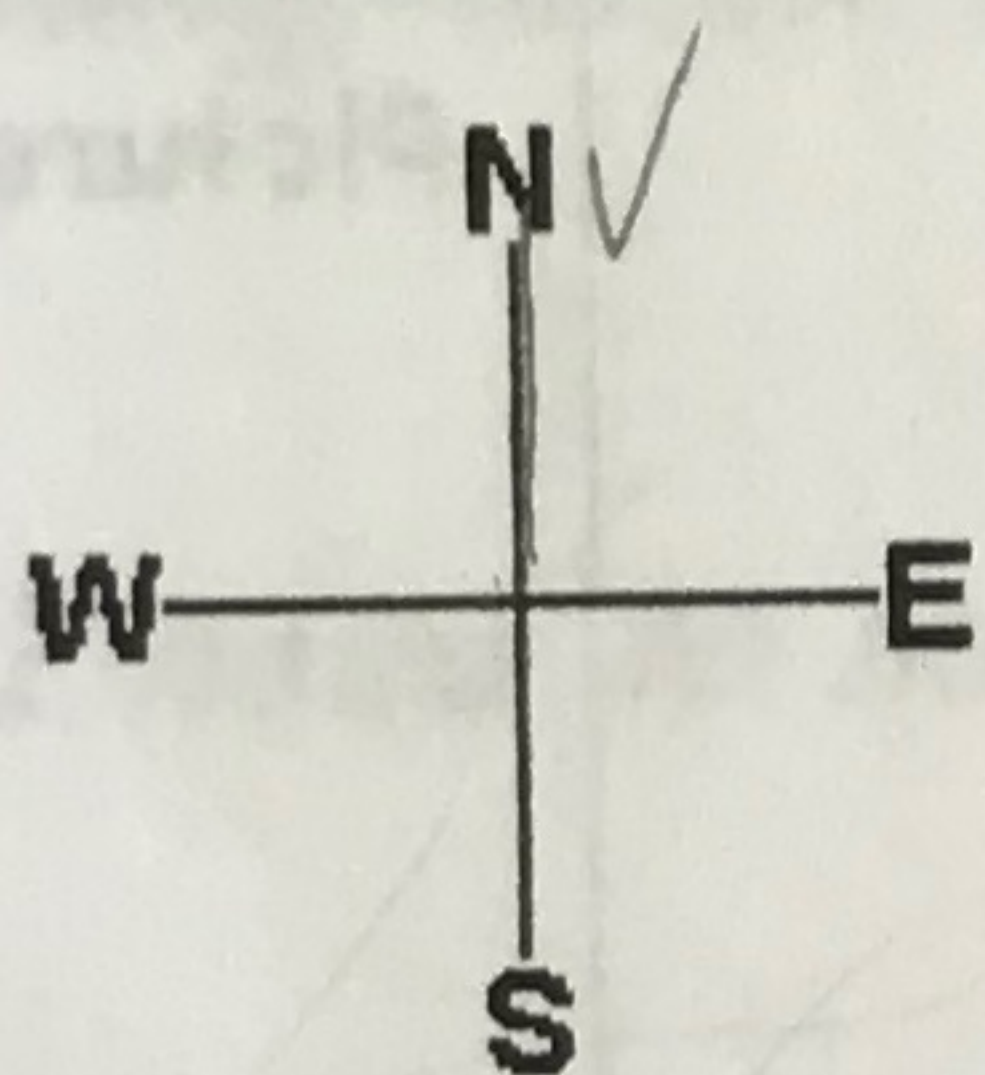
Picture of my Shadow and Sun



06190

Time Two 11:35

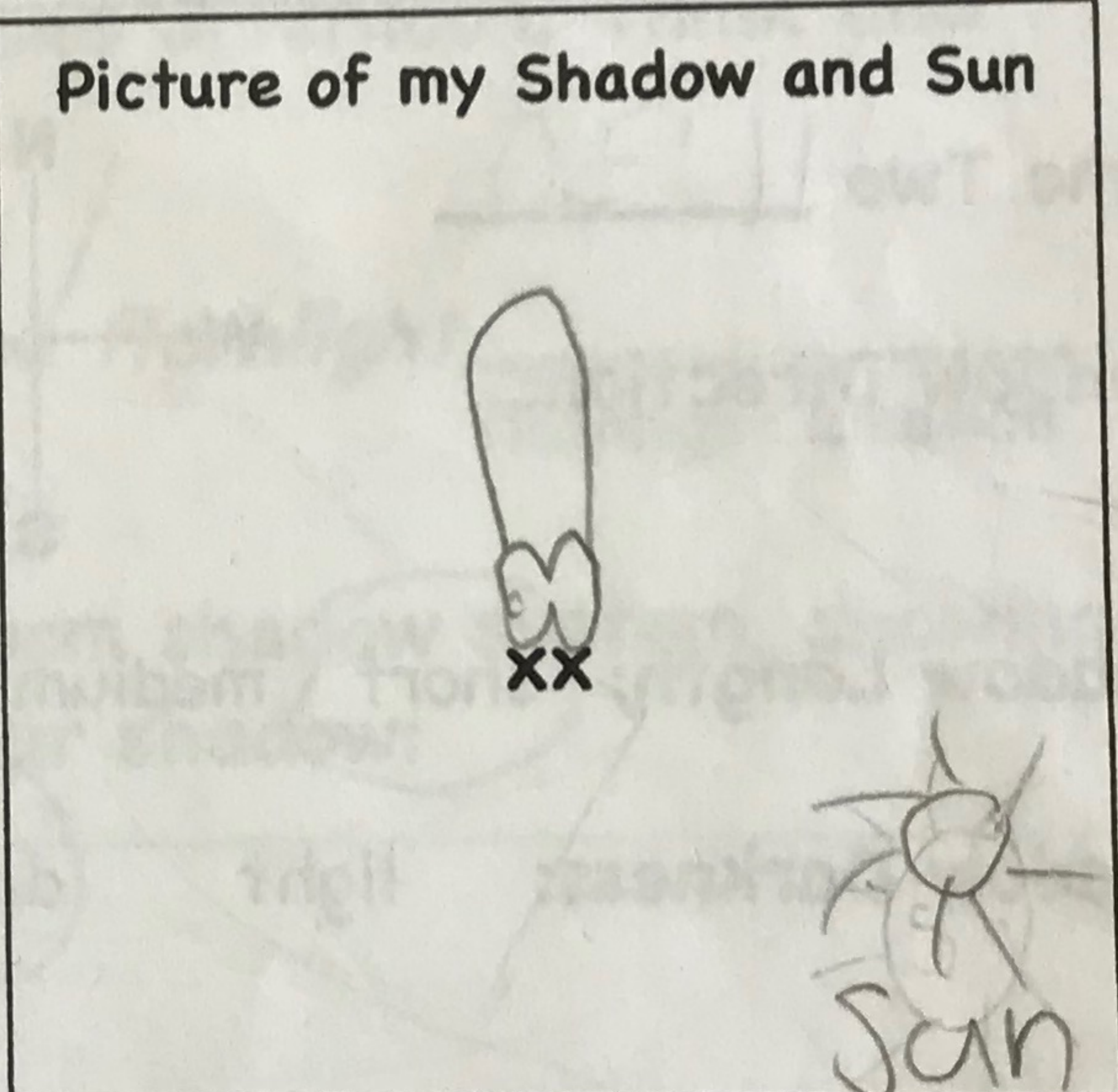
Shadow Direction:



Shadow Length: short medium long

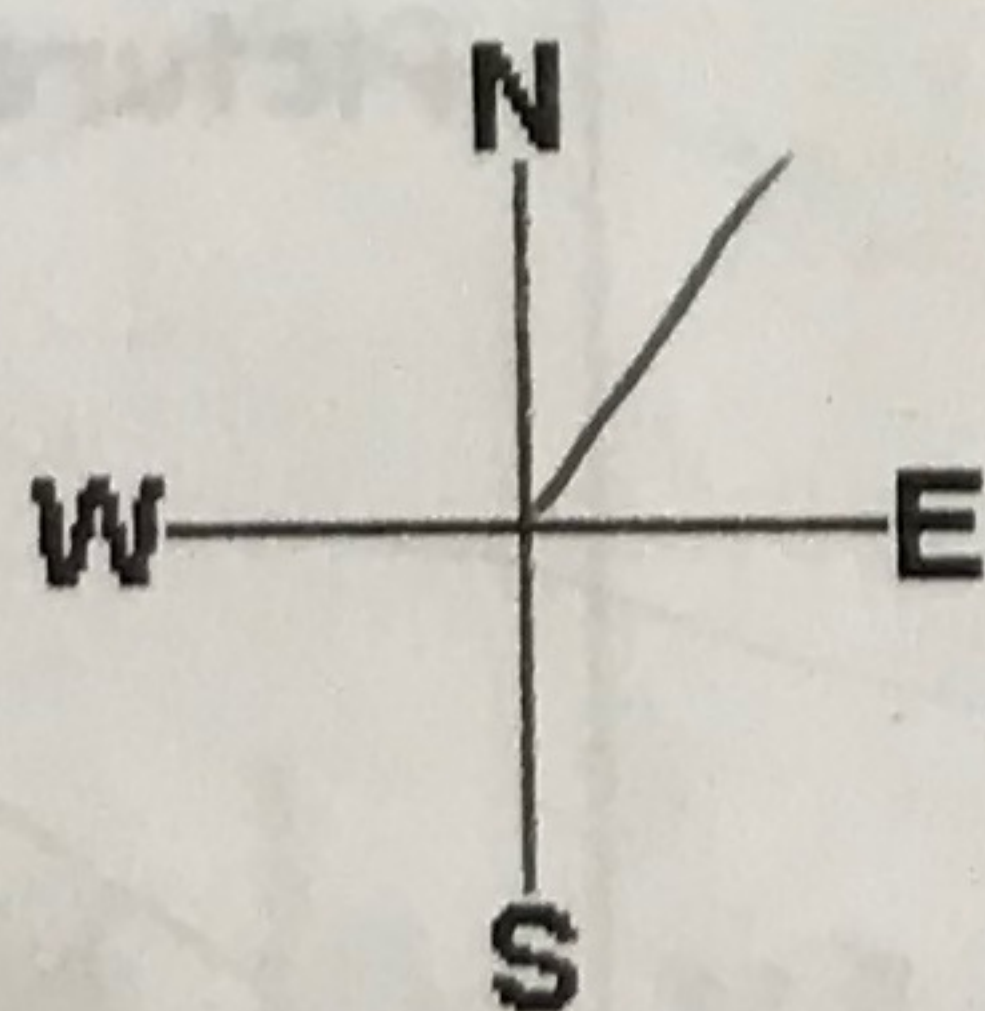
Shadow Darkness: light dark

Picture of my Shadow and Sun



Time Three 1:20

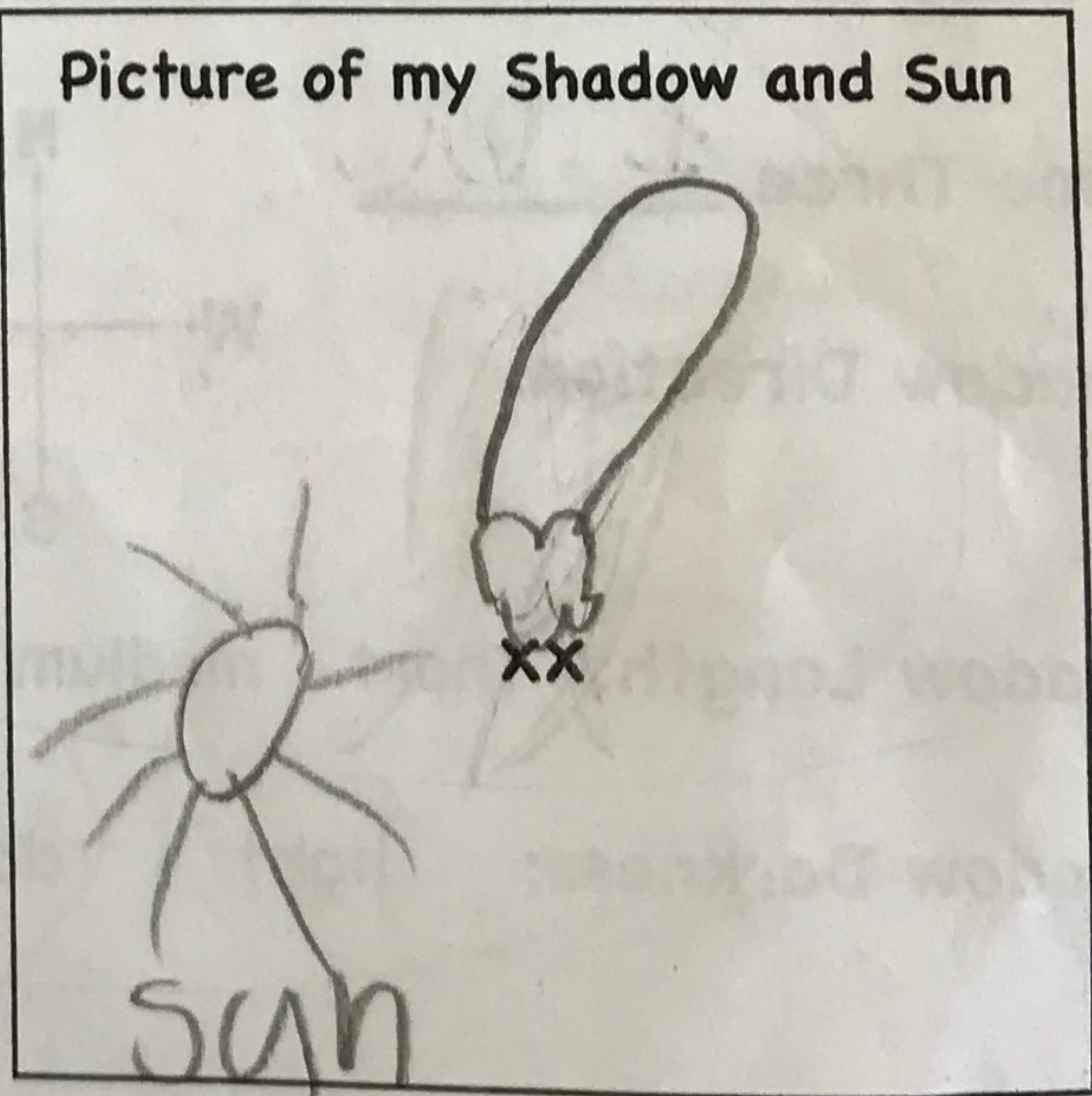
Shadow Direction:



Shadow Length: short medium long

Shadow Darkness: light dark

Picture of my Shadow and Sun

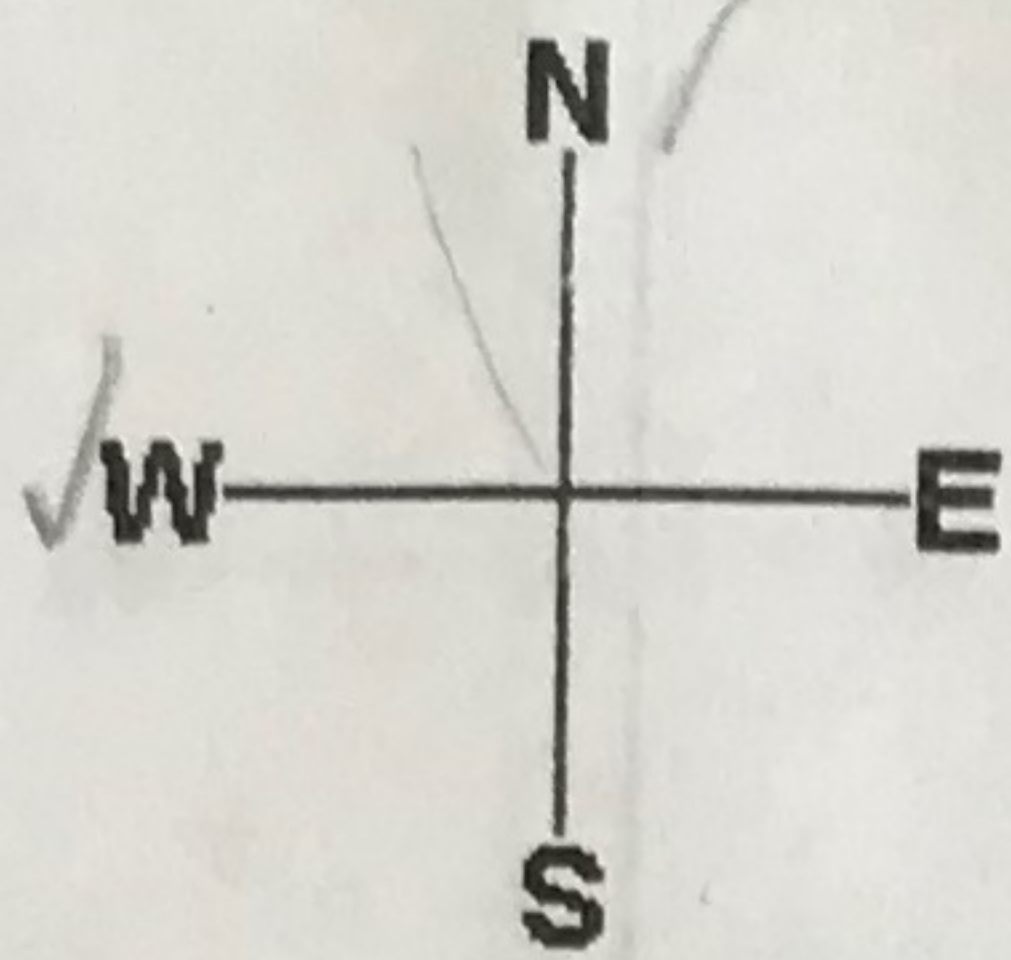




Day 4: Wednesday the 13 of March, 2019

Time One 8:45

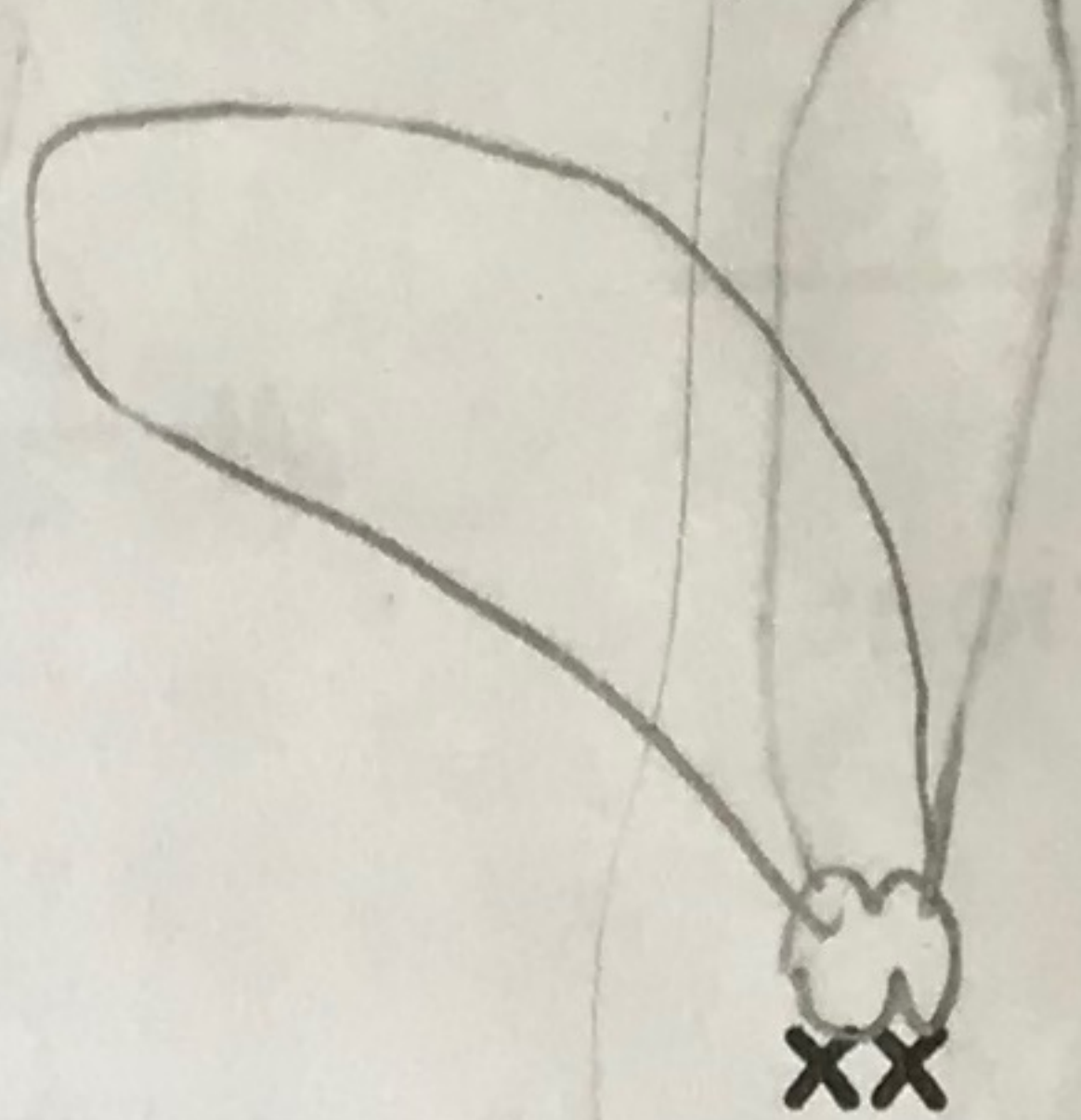
Shadow Direction:



Shadow Length: short medium long

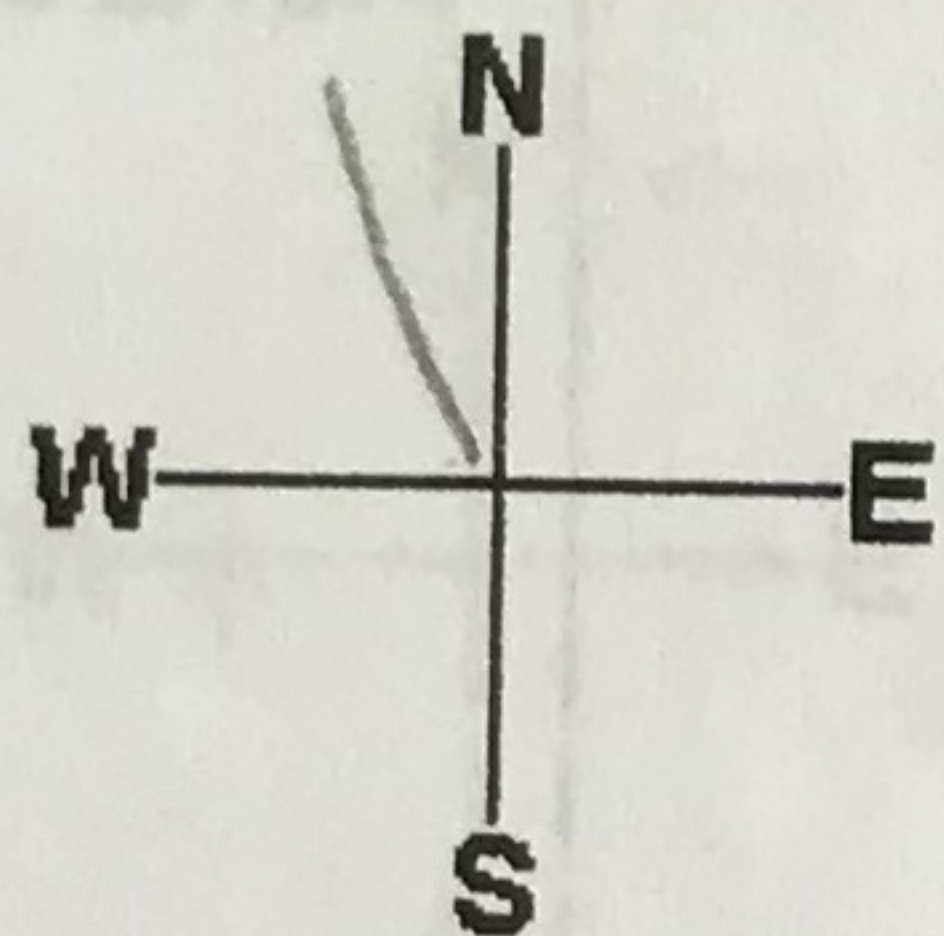
Shadow Darkness: light dark

Picture of my Shadow and Sun



Time Two 11:30

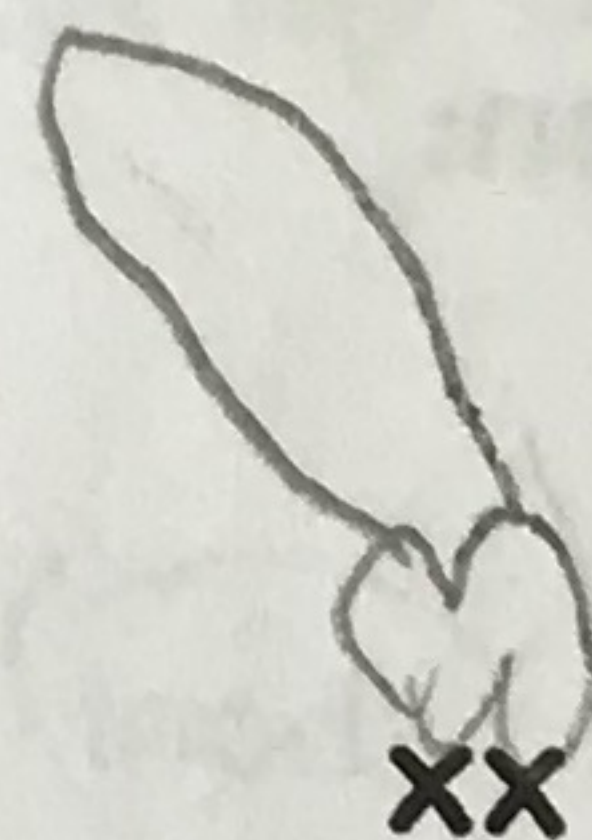
Shadow Direction:



Shadow Length: short medium long

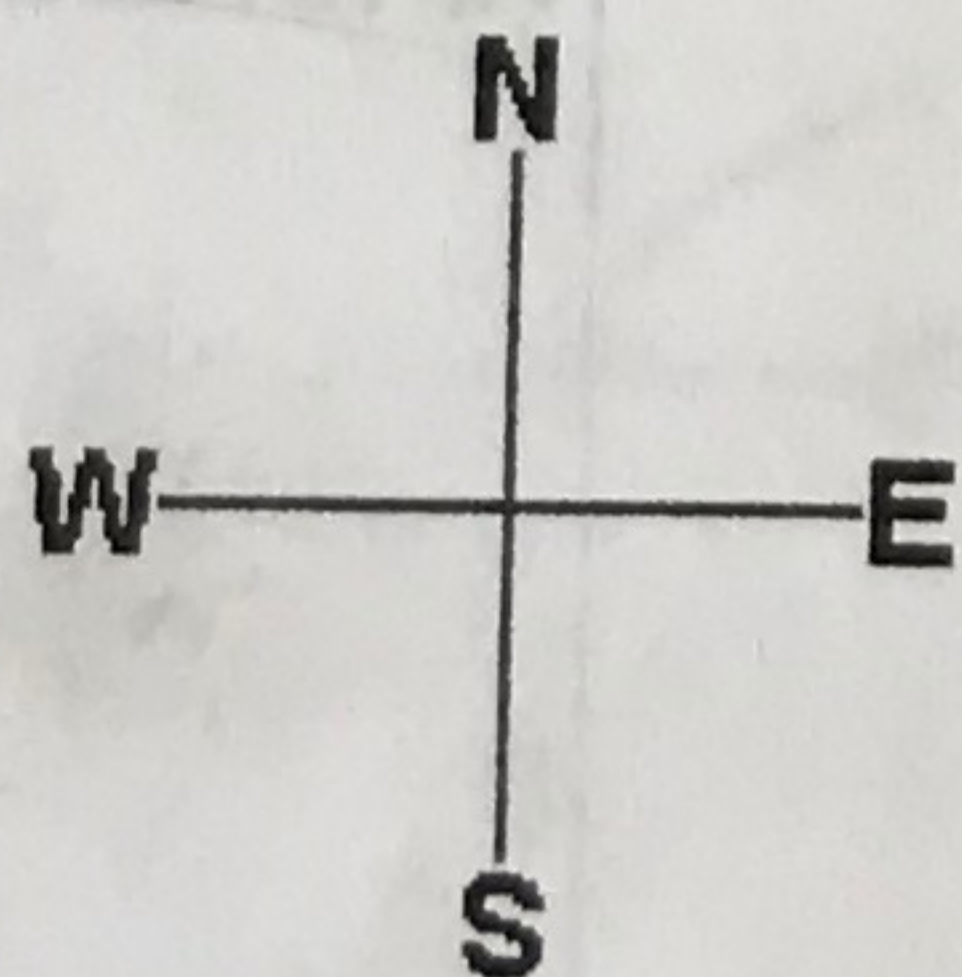
Shadow Darkness: light dark

Picture of my Shadow and Sun



Time Three 12:30

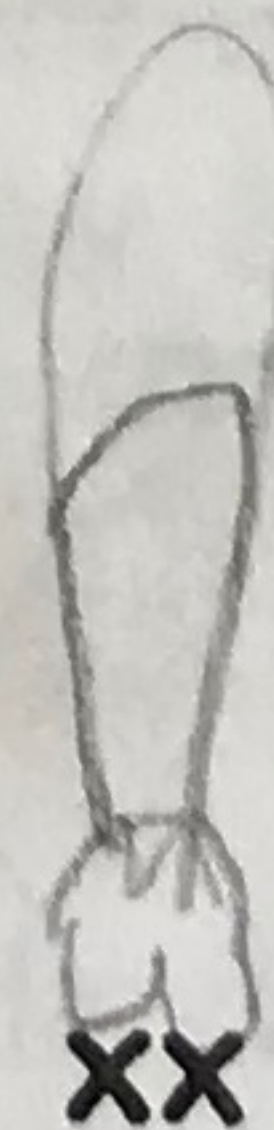
Shadow Direction:



Shadow Length: short medium long

Shadow Darkness: light dark

Picture of my Shadow and Sun



Indigo



# Exploring Classroom Shadows



1. What parts make up the outside shadow system we explored?

2. What could you use to explore classroom shadows?

3. As you play with classroom shadows, think and share:

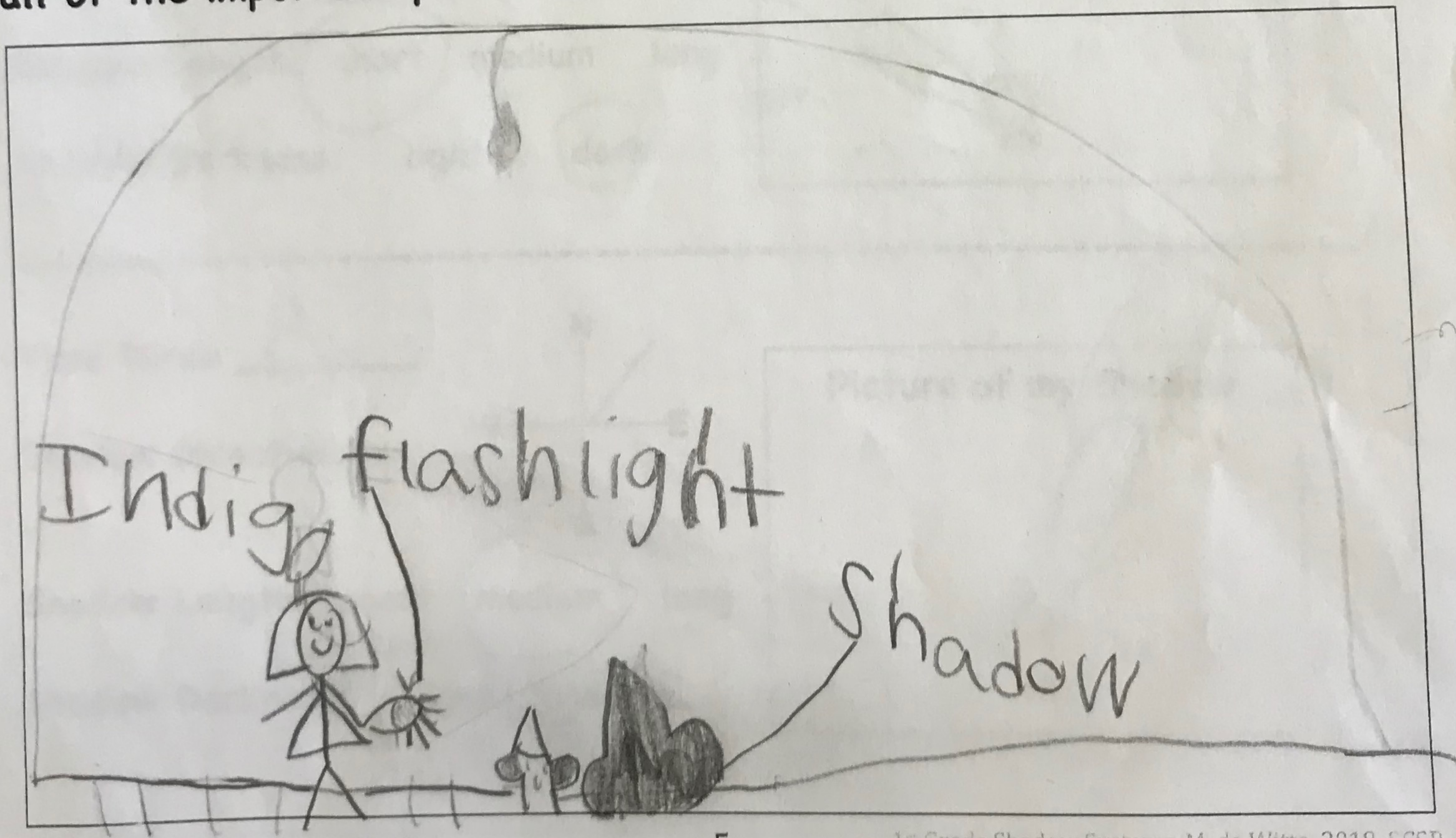
When I \_\_\_\_\_ it causes \_\_\_\_\_.

4. With your placemat, try to make the same shadows we saw outside for morning, lunch time, and afternoon. Think and share:

To model \_\_\_\_\_, I need to move the flashlight \_\_\_\_\_.

time of day flashlight location

Draw and label a picture of your classroom shadow system, showing all of the important parts that make your shadow:





Day: Tuesday 2/19/19

Shadow Direction

Shadow Length

Shadow Darkness

Morning

← West

Long

Dark

Lunch

↑ North

Short

Dark

Afternoon

→ East

Medium

Dark

Day: Wednesday 2/20/19

Shadow Direction

Shadow Length

Shadow Darkness

*sun behind clouds*

↑ North

Short

Dark

→ East

Medium

Dark

Day: Monday 2/25/19

Shadow Direction

Shadow Length

Shadow Darkness

Sun Location

← West

Long

Dark

East and Low

↑ North

Short

Dark

North and High

→ East

Medium  
Dark

West and Low

Day: Wednesday 3/13/19

Shadow Direction

Shadow Length

Shadow Darkness

Sun Location

← West

Long

Dark

East and Low

↑ North

Short

Dark

North and High

→ East

Medium

Dark

West and Low

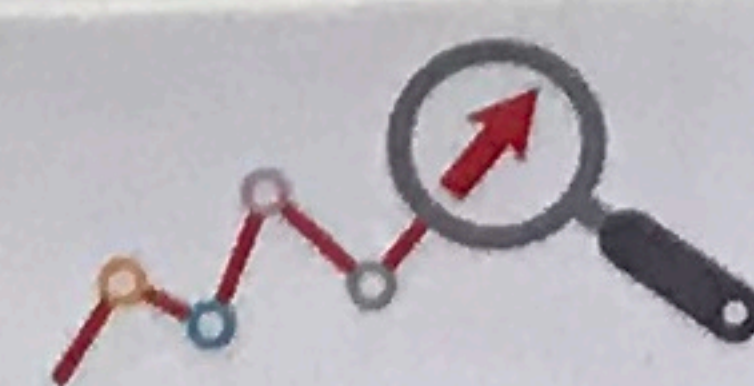
## System

A system is a set of connected things that work together, or parts that form a whole.

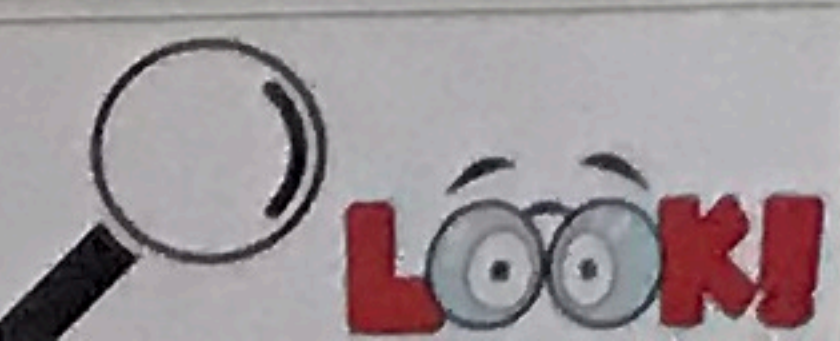


## Data

Data is the information we collect from an experiment.



## Analyze



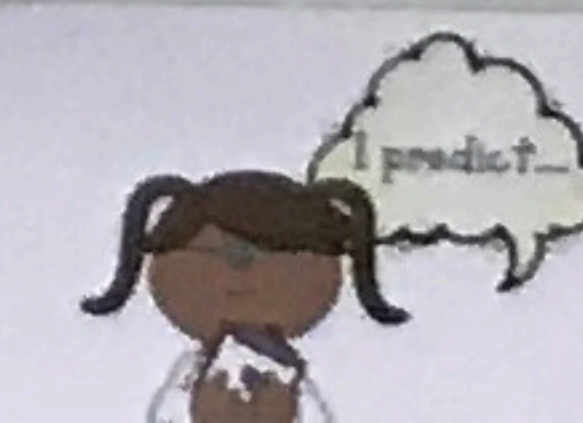
## Pattern

A pattern is something we notice happens



## Prediction

A statement about what we think will happen



## Trend

The general direction of

