



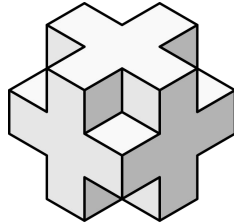
PLTW Virtual Learning

6th Grade Intro to Gateway

April 29, 2020

6th Grade Intro to Gateway
Lesson: April 29 (Part 3 of 5)

Objective/Learning Target:
Students will draw objects in isometric view.



Warm-Ups:

Look around the room you are in. See it through an isometric view “lens.” Find 5 objects you would be able to draw as a isometric sketch.

What shaped objects do you feel most comfortable drawing?

Lesson Introduction/Background Information:

We are going to try to draw real world objects in isometric view today. Watch the video for a teacher example.

Watch Video: [Drawing a Tissue Box in Isometric View](#)

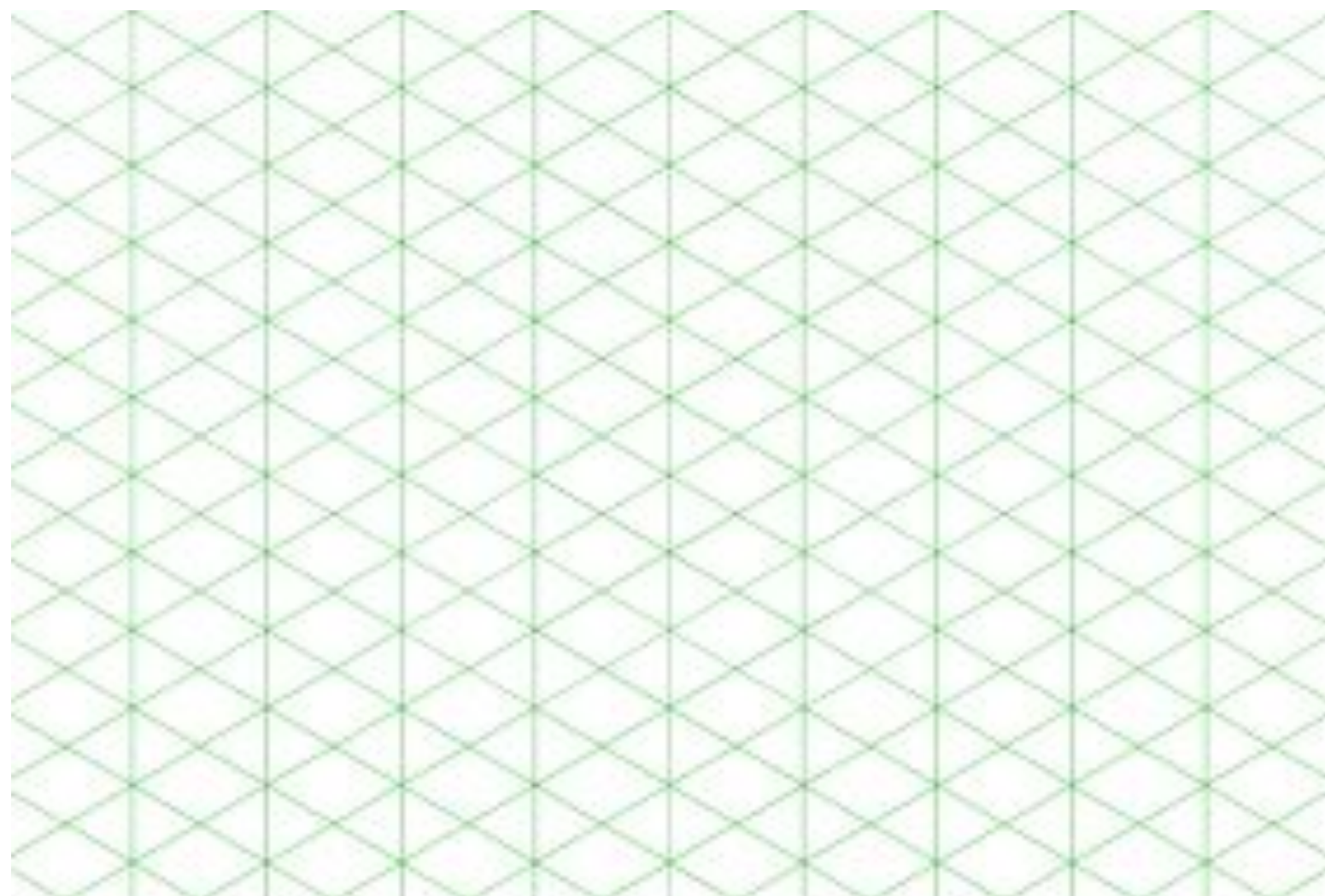
What you will need:

Paper (isometric grid paper would be helpful but not necessary)

Writing utensil

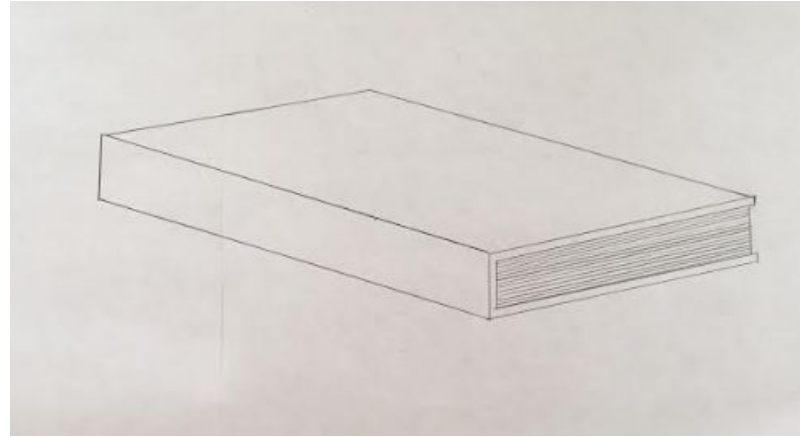
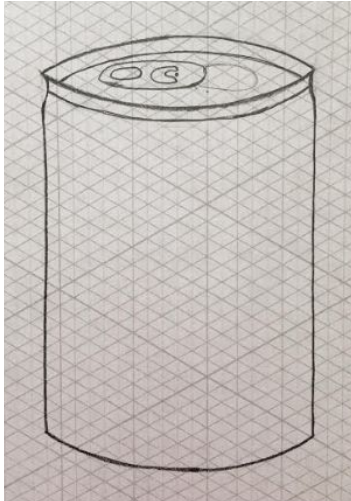
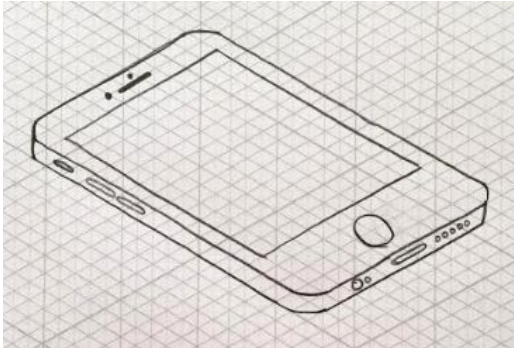
Ruler (optional)

Five household items to draw (think books, boxes, etc.)



Practice:

Draw each of your 5 objects in isometric view. As you draw make sure to keep similar sides equal length and parallel.



Self-Assessment:

Show your drawings to someone in your house and see if they can guess the object you drew.

How was drawing the isometric view different then just trying to draw a 3 dimensional shape?

What shapes were more challenging to draw? Why?

Extend Your Learning/Continued Practice:

Click on the links below to get additional practice and to check your understanding!

[Try drawing this house](#)