



**Engineering Virtual Learning**

**HS Mechanical Drafting  
Lesson #26**

May 11, 2020



## **Objective/Learning Target:**

Students will Utilize New & Previous Learned Skills in Sketching Various Types of Objects.

# Bell-Work:

Watch the following video to review the types of sketches that Engineers use.

<https://www.youtube.com/watch?v=kWbs9oI1rGk>

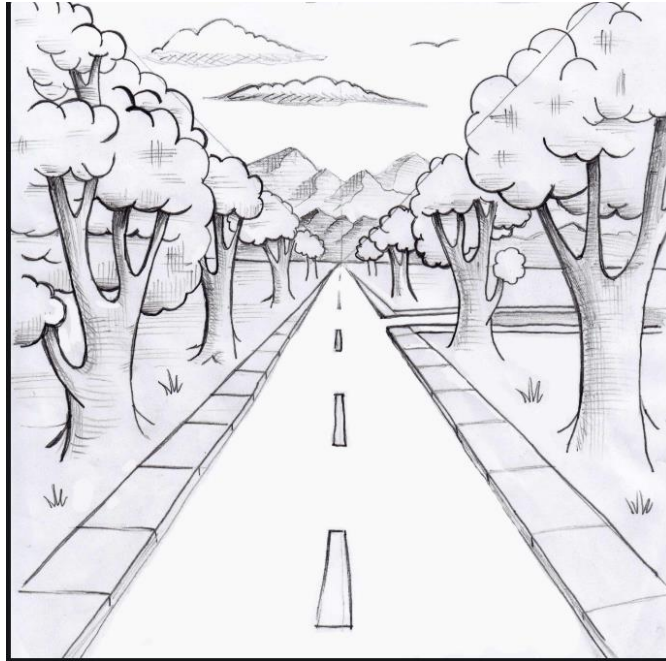
What type of Sketch is this:



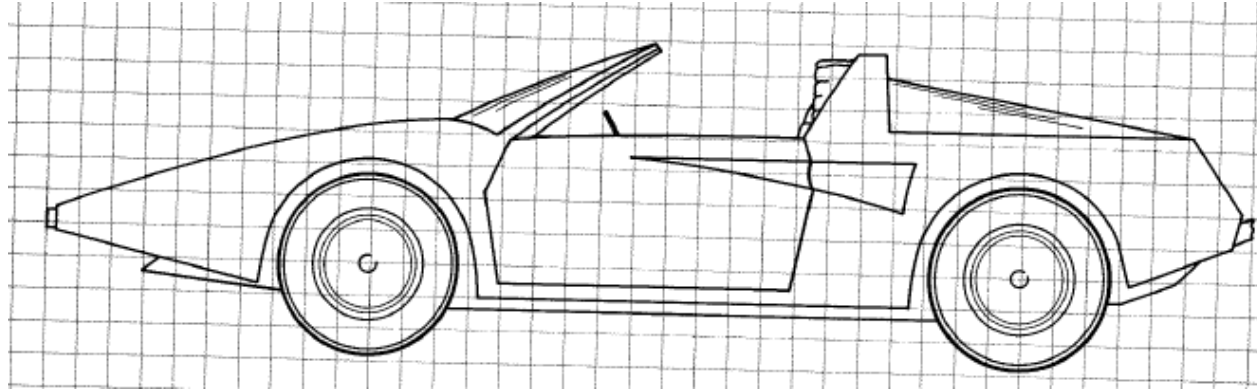
Would a Perspective or Isometric be a better sketch to give a “True” representation of an object? Explain.  
(answer in your engineer's notebook)

# Learning Practice: Concept Sketching

Use blank paper, your engineers notebook or graph paper printed from the resources link to recreate the following perspective:



**For an added challenge  
add a house or two like  
the ones on your street.**



Could you recreate  
this Car as a  
Perspective Sketch?  
(Hint: look at a car in  
your driveway?)

Make sure to  
use very light  
construction lines to  
lay the object out first.

# Learning Resource Links:

Concept Sketching:

[https://www.youtube.com/watch?v=z8\\_-J8V6E38](https://www.youtube.com/watch?v=z8_-J8V6E38)

<https://www.youtube.com/watch?v=s80WqMyVIsY>

Grid and Isometric Graph paper:

[https://www.printablepaper.net/category/isometric\\_graph](https://www.printablepaper.net/category/isometric_graph)