

## CSI PROBLEM SOLVING CHECKLIST and SCREENCAST GUIDE

The following CSI Checklist will **guide you through the steps necessary to solve this problem**

This checklist is also the **order you should follow when making your screencast.**

**\*Reminder – For everything you say in your screencast there should be something on your whiteboard that it refers or connects to.**

1. Find the horizontal distance the bullet traveled in meters
2. Identify the type of bullet/gun
3. Find the speed of the bullet in m/s
4. Find the time the bullet took to hit the house
5. Find the vertical distance the bullet fell
6. Find the height where the bullet struck the house
7. Find the height from where the bullet was shot to the ground
8. Find the height from the bottom of the 3<sup>rd</sup> floor window to the ground
9. Find the height from the bottom of the 3<sup>rd</sup> floor window to the 3<sup>rd</sup> floor
10. Height of the gun above the 3<sup>rd</sup> floor!
11. The shooter is....