

Thursday

Forensics

$\pi$

You need:

- Pen/pencil
- Complete warm-up

Warm-up:

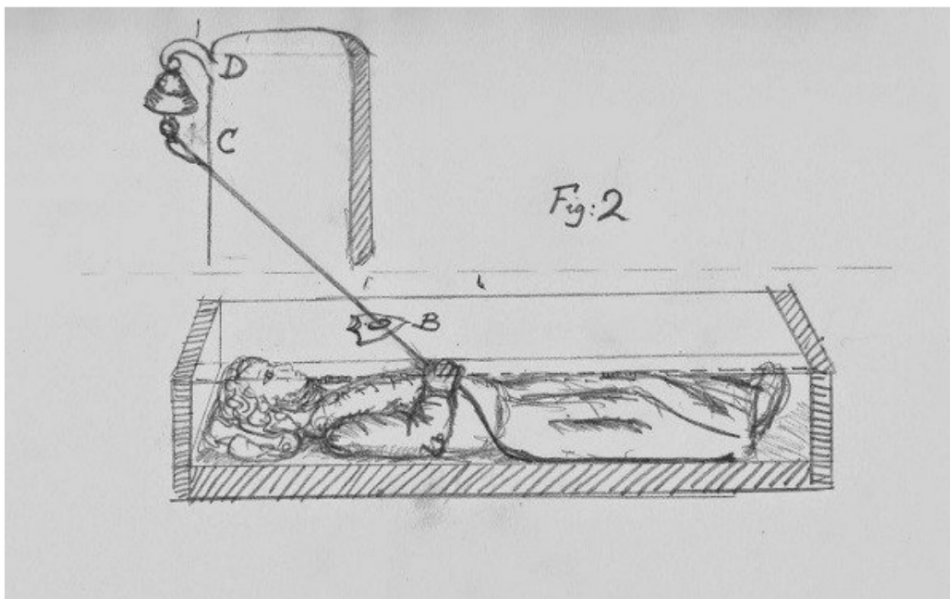
Complete on hand out

Today's Agenda:

1. Warm-up
2. Notes
3. Time of Death Calculations



You have probably heard of the phrase: "Saved by the bell." Where do you think that phrase came from? What is the origin of the phrase? Why did people start saying that phrase? Explain your theory below. If you don't know, be creative.



## Time of Death Notes

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4 common methods to establish time of death:

1. Rigor Mortis
2. Livor Mortis
3. Algor Mortis
4. Decomposition (including entomology)



Rigor Mortis:

The stiffening of skeletal muscles after death

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- **Caused by:** Calcium build up in muscles. Heart can't pump it out anymore.
- **When does it start:** 2 hours after death
- **When does it end:** 36-48 hours
- **Why does it end:** The body starts to decay, breakdown, liquify



## Livor Mortis:

The pooling of blood after death

Resulting of reddish color of skin

- **Caused by:** Heart can't pump blood. Blood drains due to gravity.

Livor Mortis



↑  
supine lividity

side notes:

- graphic pictures online
- Not depicted on TV crime shows
- Can indicate how body was laying