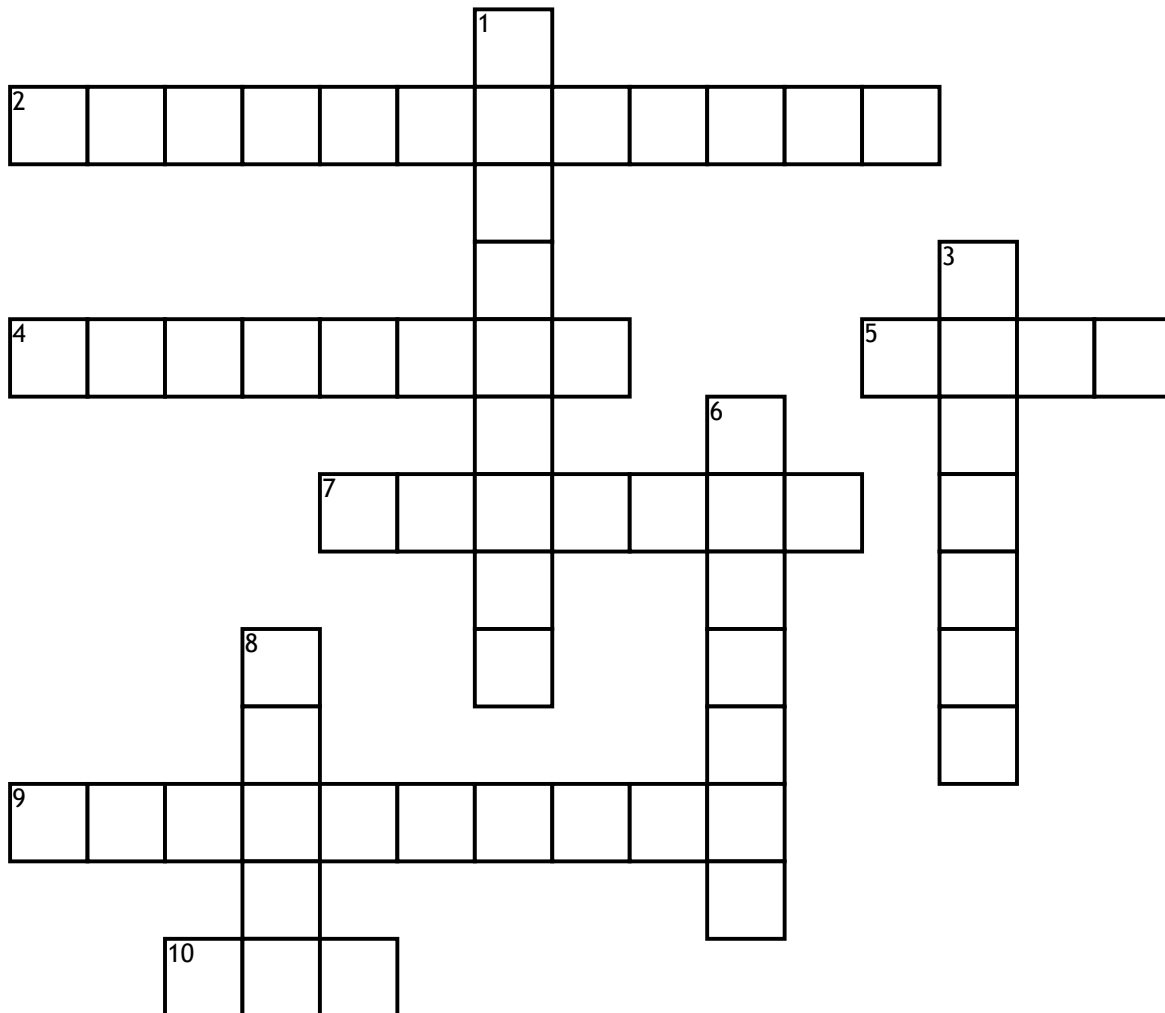


Name: _____ Date: _____

PT Course Day 3 Quiz



Across

2. During a Visible Inspection, The light intensity is required to be 100 _____ - _____ at the surface being inspected.
4. _____ penetrant inspection kits are for penetrant inspection of parts too large to be brought into the inspection lab, or for laboratories which process only a minimum number of parts requiring penetrant inspection.
5. Black light intensity will also be affected by voltage variations. A bulb that produces acceptable intensity at 120 volts will produce significantly _____ at 110 volts.
7. Black lights should never be used with a _____ filter as output of white light and harmful black light will be increased.

9. Light intensity measurements are made using a _____.

10. Visible-dye or color-contrast penetrants contain a _____ dye dissolved in the penetrating oil

Down

1. _____ action is defined as the tendency for a liquid to penetrate or migrate into small openings, such as cracks, pits, or fissures.
3. Surface tension and _____ action are only two requirements of a penetrant.
6. During fluorescent Penetrant inspection, the source of ultraviolet light is often a _____ arc lamp with a filter
8. When using a visible penetrant, the intensity of the _____ light is of principal importance.