

**REVIEW 7**

Answer the following questions without referring to the material just presented. Begin the next section when you are confident that you understand what you've already read.

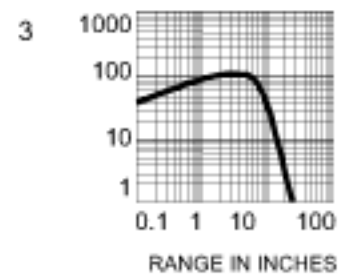
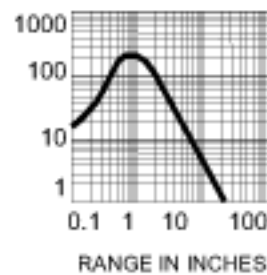
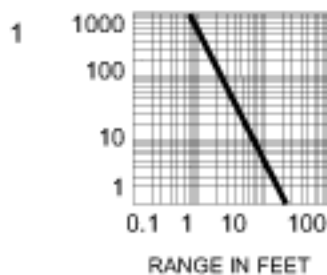
1. Excess gain is a measurement of how much sensing power a photoelectric sensor has available beyond the \_\_\_\_\_.
2. Name the three factors that can affect excess gain.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

3. Based on the excess gain charts below, which sensor would be best for an application, in a dirty environment, for a target that is 10 inches away? \_\_\_\_\_



4. Nearly every diffuse reflective sensor has a unique excess gain curve, because nearly every sensor has a unique combination of lenses and beam angles.

TRUE    FALSE

5. Only corner cube style reflectors should be used with polarized reflex sensors.

TRUE    FALSE

6. Contrast is not important when sensing semi-transparent targets.

TRUE    FALSE