

Exposures

Activity 2A – Radiographic Distances

List the abbreviations and write out the distance names for the distances listed.

Description	Abbreviation	Distance Name
1. From the x-ray tube to the image receptor		
2. From the object to the image receptor		
3. From the x-ray tube to the object		

Calculate the following:

- _____ 4. If the OID is 8 inches and the SID is 52 inches, what is the SOD?
- _____ 5. If the SID is 72 inches and the SOD is 67 inches, what is the OID?
- _____ 6. If the SOD is 53 inches and the OID is 12 inches, what is the SID?
- _____ 7. If the SID is 68 inches and the OID is 4 inches, what is the SOD?
- _____ 8. If the SOD is 36 inches and the OID is 8 inches, what is the SID?
- _____ 9. If the SOD is 58 inches and the SID is 72 inches, what is the SOD?
- _____ 10. If the SID is 72 inches and the SOD is 68 inches, what is the OID?
- _____ 11. If the SOD is 56 inches and the OID is 12 inches, what is the SID?
- _____ 12. If the OID is 15 inches and the SOD is 40 inches, what is the SID?