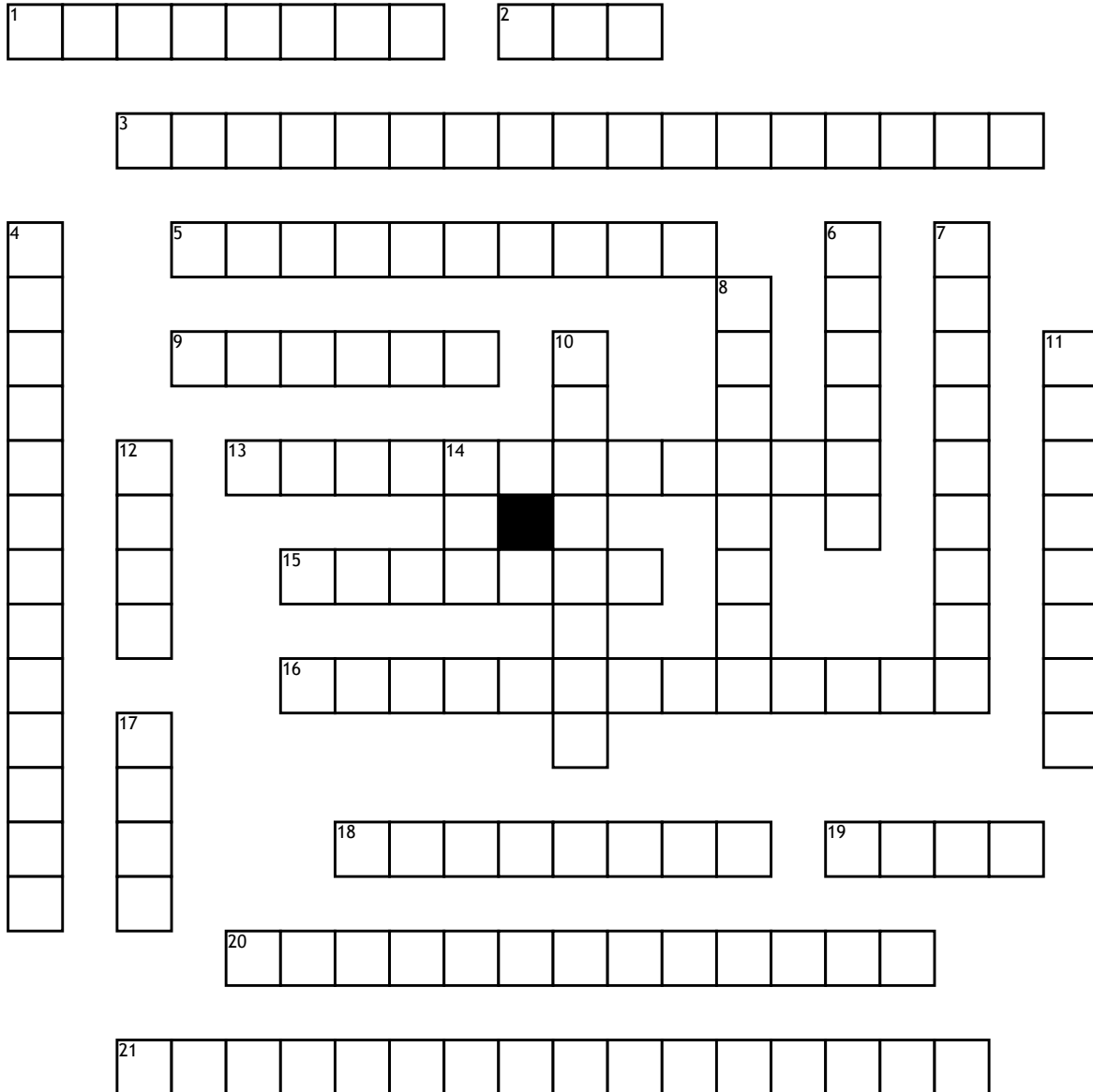# Chapter 10 Review! Happy Halloween :)

Across

1. Conventional unit of Exposure

2. Measurement of total amount of exposure for a series of scans (Abbreviation)

3. Measurement of the total amount of exposure for a series of scans

5. Linear non-threshold

9. _____ pitch, less dose, worse image quality

13. Concentration of energy deposited in tissue as a result of an exposure to ionizing radiation

15. Yearly background radiation limit

16. Relates radiation exposure to risk

18. As the number of detector rows increase the dose will:

19. First descriptor identified; Mathematically Sampling peaks and valleys (Abbreviation)

20. Skin erythema, epilation, cataracts

21. Radiation protection principle to ensure doses delivered to patients are kept ALARA with diagnostic image quality

Down

4. Used to assess the potential for long term effects that might occur in the future

6. More sensitive then TLD, provides instant readout

7. CT accounts for _____ percent of medical radiation dose

8. Concentration of radiation at a particular point on the patient

10. SI unit of effective dose

11. Increase in mAs; Increase in kvp = _____ dose

12. Automatic control of mA (Abbreviation)

14. Conventional unit of Effect dose

17. SI unit of absorbed dose