Chapter 5 Skin

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| **Across****1.** Help us sense touch, located in the dermis and the epidermis **2.** Elimination of substances from the body**7.** Most common sweat glands **9.** Gives skin strength, ability to stretch **13.** Found in the epidermis, react to pain, heat and cold**16.** Composed of 5 epithelium layer, found in palms and soles**18.** Sheath which surrounds the hair root**20.** Most superficial layer of the epidermis**22.** White semilunar area near the nail root **23.** One way our body regulates temperature **24.** Deepest layer of the skin | **Down****3.** Prevent the evaporation of water from the skin**4.** Portion of the hair below the surface**5.** Sensations which arise in the skin**6.** Produce the protein keratin**8.** Where nail growth occurs **10.** Also known as the cutaneous membrane**11.** Produce the pigment melanin**12.** Produced by the skin when activated by UV rays**14.** Layer of skin found only in thick skin**15.** Produce earwax in the ear**17.** Composed of fused, dead, keratinized cells**19.** When it's hot our blood vessels \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**21.** Location in the hair which produces new hair cells  |