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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

The Integumentary System

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|  |  |  |  |  | 9  A | R | R | E | C | T | O | R | P | I | L | I |  | R |  |
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|  |  | 11  P | A | P | I | L | L | A | R | Y | L | A | Y | E | R |  |  |  |  |
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| **Across**  **3.** structure with outer and inner root sheaths extending from the epidermal surface into the dermis and from which new hair develops.  **5.** subcutaneous tissue just deep to the skin; consists of adipose plus some areolar connective tissue.  **8.** the less numerous type of sweat gland; produces a secretion containing water, salts, proteins, and fatty acids.  **9.** Tiny, smooth muscles attached to hair follicles, contraction causes the hair to stand upright  **10.** dark pigment formed by cells called melanocytes; imparts color to skin and hair  **11.** loose areolar connective tissue of woven collagen and elastic with rich supply of blood vessels  **12.** fat cells | **Down**  **1.** a primary tissue that covers the body surface, lines its internal cavities, and forms glands  **2.** fine-touch receptors, light pressure, abundant in finger tips, you gather information about its shape, texture, and density, info your brain uses to identify the object  **4.** dense irregular connective tissues making up approx. 80% of dermis  **6.** superficial layer of the skin; composed of keratinized stratified squamous epithelium  **7.** layer of skin deep to the epidermis; composed of dense irregular tissue |