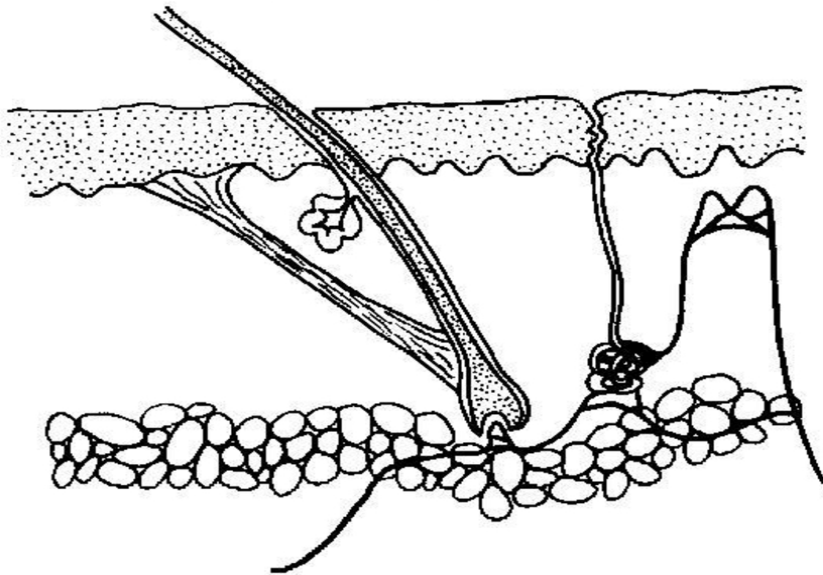


The Anatomy and Physiology/Skin Worksheet

1. The outermost layer of the skin is: the dermis / the epidermis / fat layer
2. Which is the thickest layer: the dermis / the epidermis?
3. Add the following labels to the diagram of the skin shown below.

Epidermis, dermis, fat cells, hair shaft, hair follicle, hair erector muscle, sweat gland, pore of sweat gland, sebaceous gland, blood capillaries



4. Which of the following happens to epidermal cells as they move up to the surface of the skin?
Keratin is deposited in them / they become flattened and scale-like / they die / they become thicker / they become more active / they are shed from the surface / fat is deposited in them / they grow hairs
5. Keratin deposited in the epidermal cells:
makes it stronger / gives it colour / makes it waterproof / makes it flexible / kills the cells.
6. Which of the following is NOT a keratin skin structure:
foot pads / hair / nails / feathers / antlers / reptilian scales / horns?
7. The function of melanin in the skin is to: