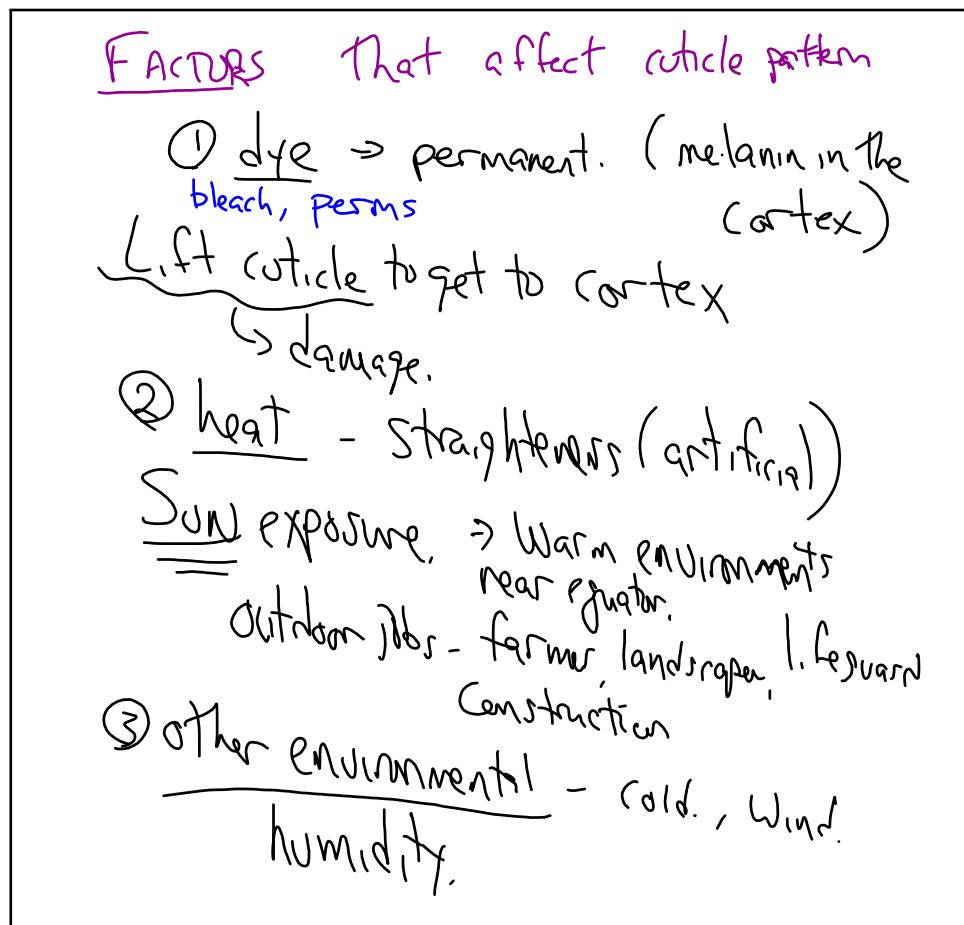


Jan 2-9:29 AM



Jan 2-9:34 AM

② Cortex - long thin spaghetti like rods  
 ↳ Melanin (color of hair)

↓ Inside ③ Medulla

Patterns  
 ① Continuous —  
 ② Fragmented - - -  
 ③ Interrupted - - -

(MI) Medullary Index → Thickness component  
 entire shaft

MI > 0.5 (Animals)   
 MI < 0.3 (human) 

Jan 2-9:42 AM

Hair change with age (HUMANS mainly)

Lanugo - fine / colorless hair  
 covers fetus.  
 ~3 weeks

Infant Vellus → "Peach fuzz" on head/arm/leg  
 rest falls off.

Child Terminal hair - longer, thicker, color

Puberty - hair in armpit + genitalia, (best facial)

Jan 2-9:48 AM

CATS / DOGS (and others)

① Fur - inner coat → Temp. Reg

② Guard Hair - outer coat → Protect.

③ Tactile hair → touch, feel, sensory  
Whiskers

Jan 2-9:53 AM