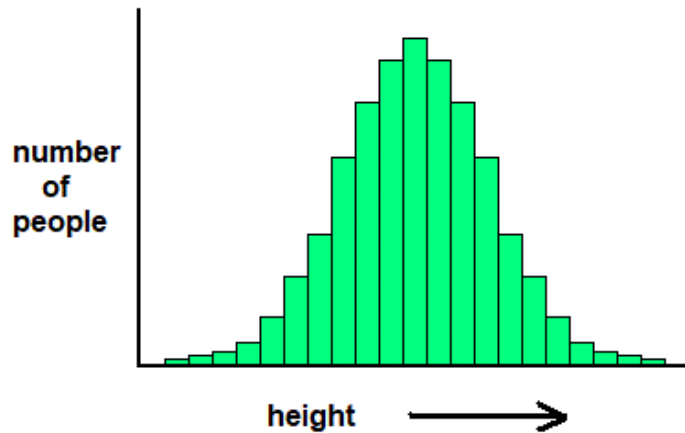


12.2 Variation in Humans

Variation in Humans

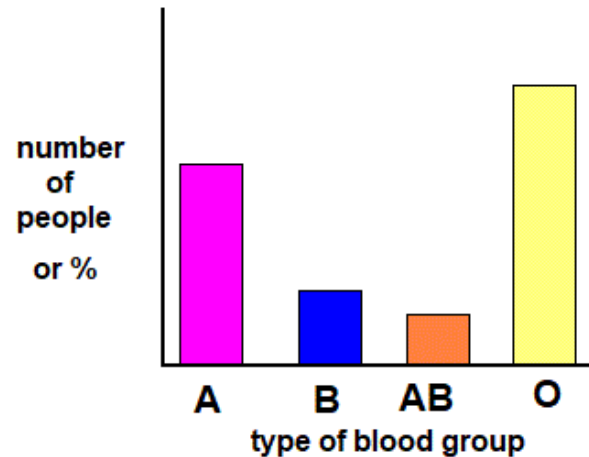
An example of continuous variation - height of humans

VARIATION and STATISTICS

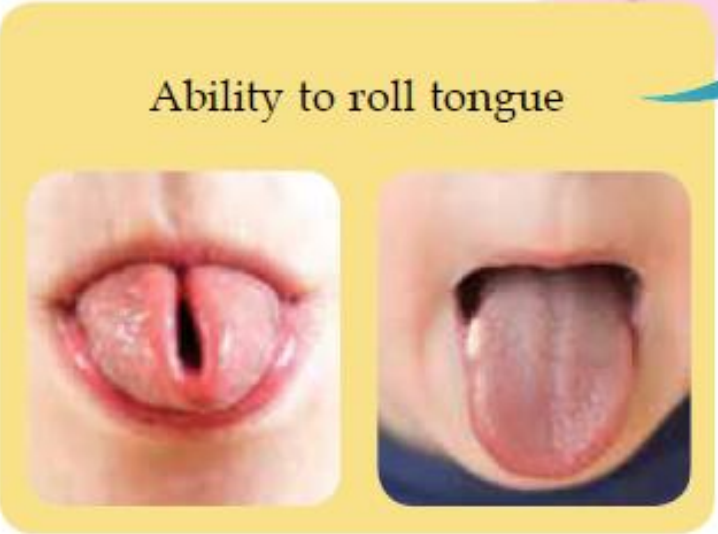


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An example of discontinuous variation - human blood groups



- Variation: differences in characteristics between each person
- Divided into:
 - a) **Continuous variation:**
 - the result of the interaction between genetic factors and environmental factors
 - Produces an acquired characteristics that cannot be inherited
 - b) **Discontinuous variation:**
 - Determined by genetic factors only
 - Can be inherited
 - Is called inherited characteristics



Characteristics	Traits in humans	
	Dominant	Recessive
Height	Tall	Short
Type of hair	Curly hair	Straight hair
Tendency to use hands	Right-handed	Left-handed
Presence of dimples	Presence	Absence
Ability to roll tongue	Can roll tongue	Cannot roll tongue
Type of earlobes	Free earlobes	Attached earlobes