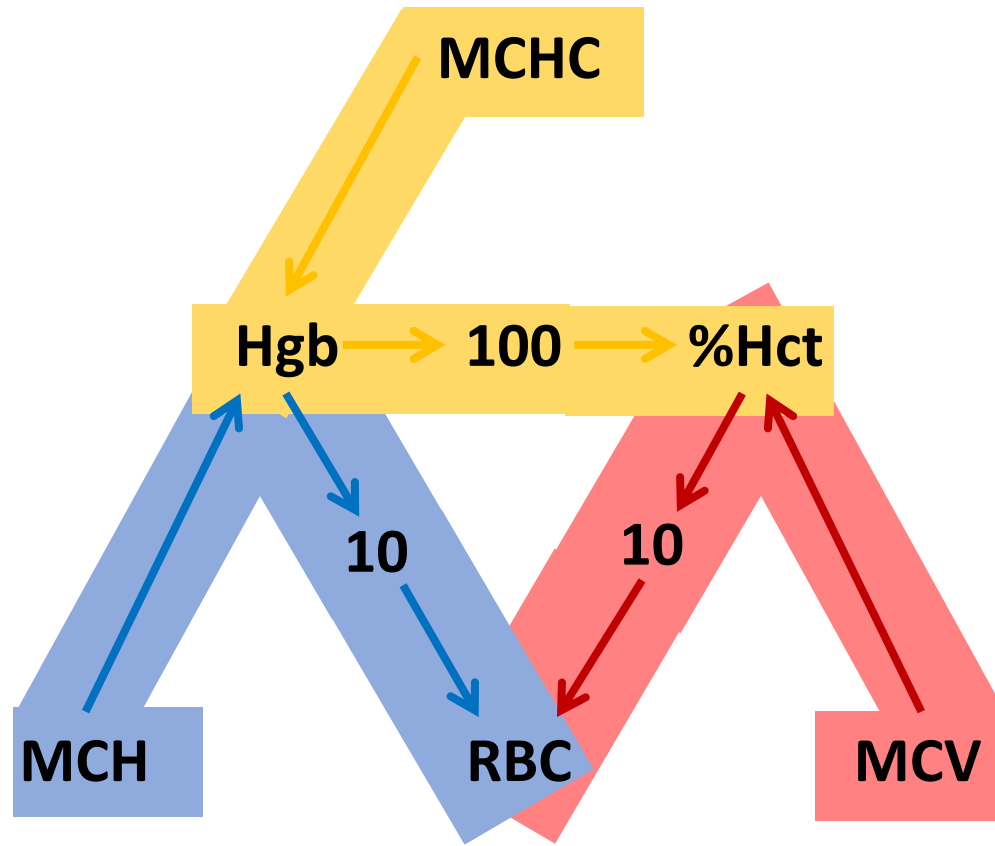


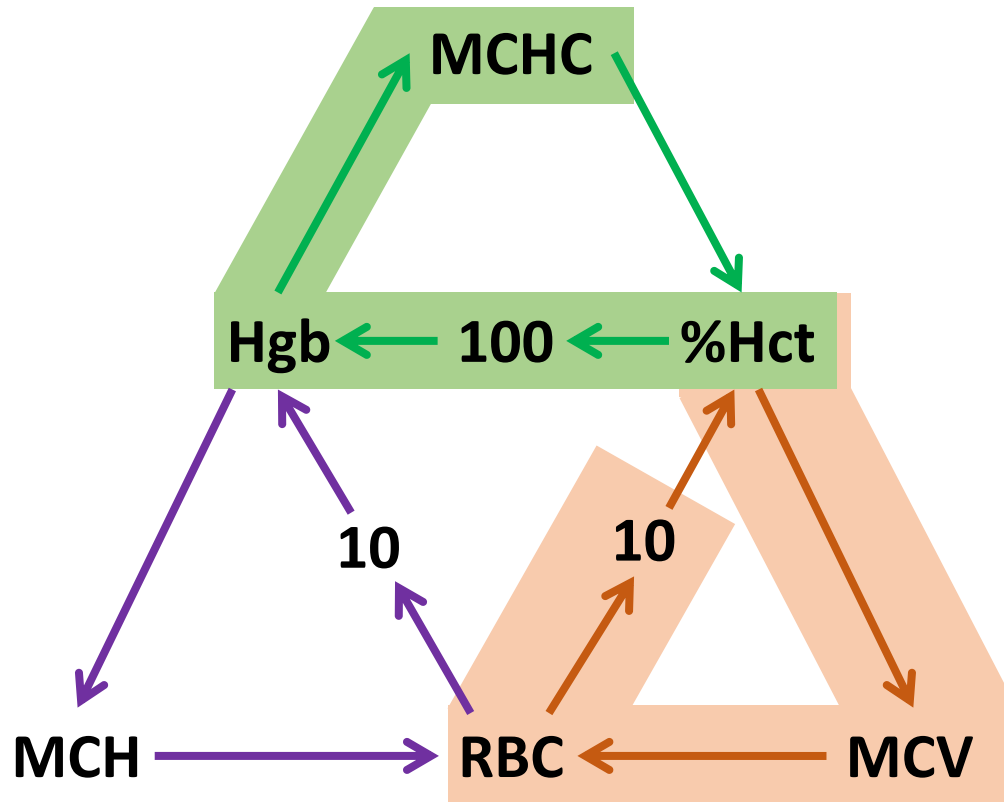
## MEMORIZING RBC INDICES FORMULAS



$$\text{MCV} = \frac{(\% \text{ Hematocrit}) \times (10)}{\text{RBC count, } \times 10^{12}/\text{L}}$$

$$\text{MCH} = \frac{(\text{Hemoglobin, g/dL}) \times (10)}{\text{RBC count, } \times 10^{12}/\text{L}}$$

$$\text{MCHC} = \frac{(\text{Hemoglobin, g/dL}) \times (100)}{\% \text{ Hematocrit}}$$

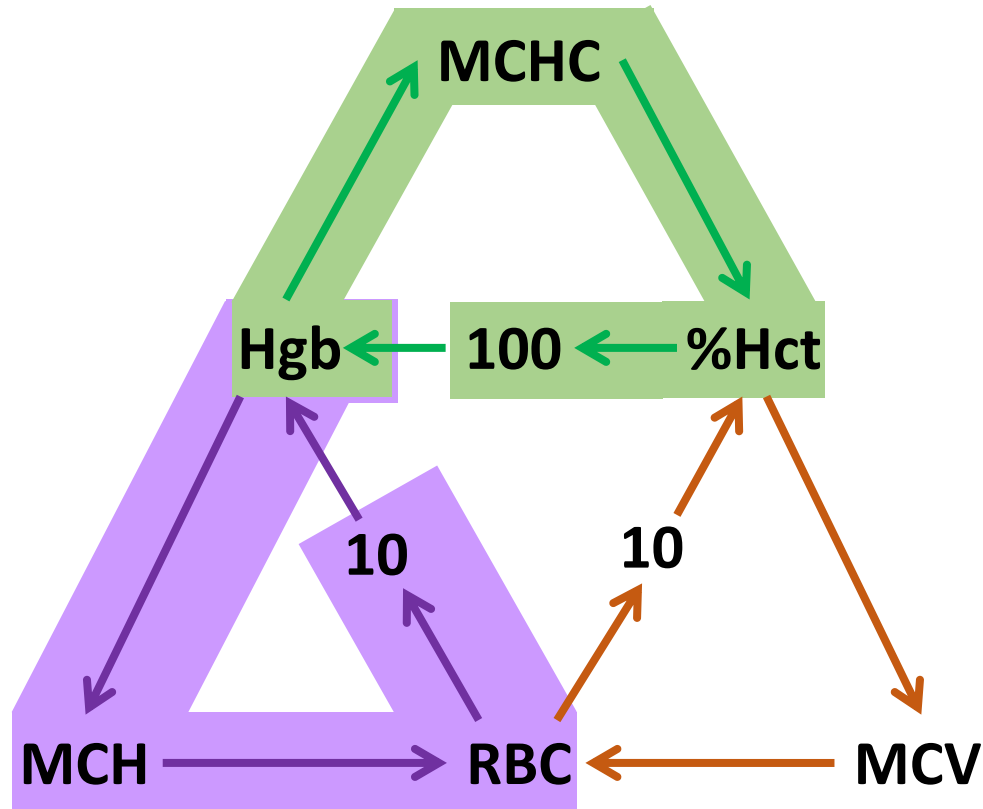


***% HEMATOCRIT (%Hct.)***

$$\%Hct = \frac{(MCV, fL) \times (RBC, \times 10^{12}/L)}{10}$$

**OR**

$$\%Hct = \frac{(100) \times (\text{Hemoglobin, g/dL})}{MCHC, g/dL}$$

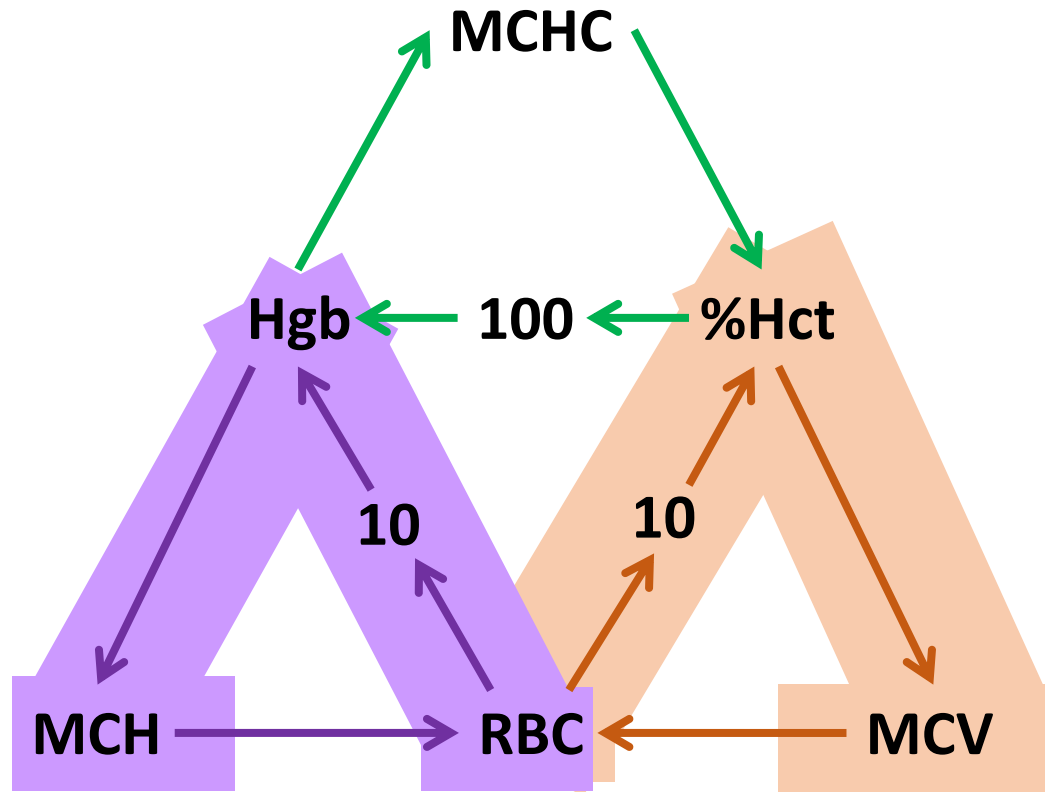


**HEMOGLOBIN, g/dL (Hb.)**

$$\text{Hgb} = \frac{(\text{MCH, pg}) \times (\text{RBC, } \times 10^{12}/\text{L})}{10}$$

**OR**

$$\text{Hgb} = \frac{(\text{MCHC}) \times (\% \text{ Hematocrit})}{100}$$

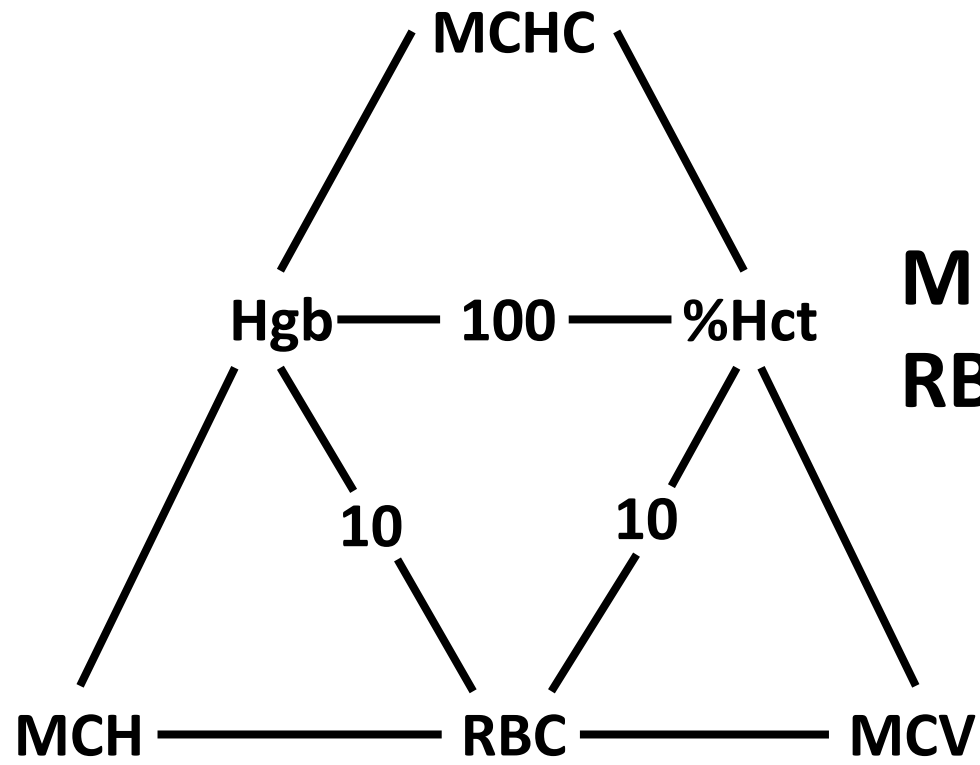


*RBC Count,  $\times 10^{12}/L$  (RBC)*

$$RBC = \frac{(10) \times (\%Hematocrit)}{MCV, fL}$$

OR

$$RBC = \frac{(10) \times (\text{Hemoglobin, g/dL})}{MCH, pg}$$



# MEMORIZING RBC INDICES FORMULAS