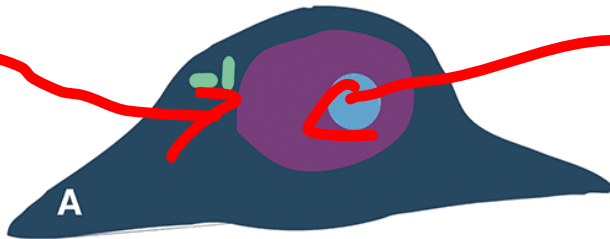


# CELLS alive! - Mitosis Cell Parts Worksheet

(Draw a line to the part in the [picture] and give its function.)

**Nucleus [A]**

Stores all major  
genetic material

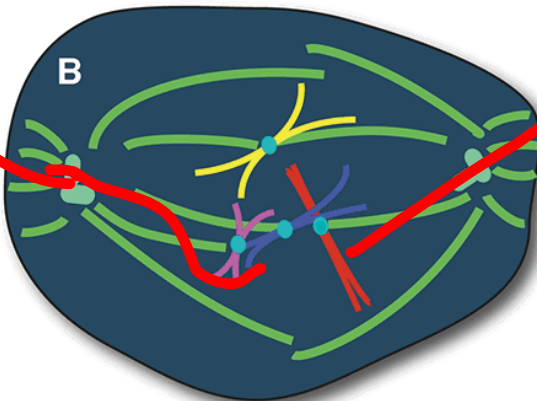


**Nucleolus [A]**

creates ribosomal  
subunits and proteins

**Kinetochores [B]**

anchors chromosomes  
in the spindle

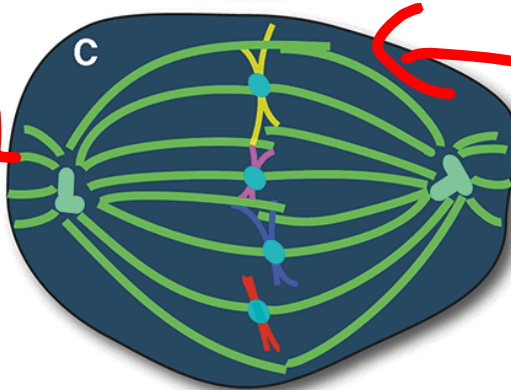


**Chromatid [B]**

Makes identical DNA  
copies

**Spindle [C]**

Form protein structure  
that divides material

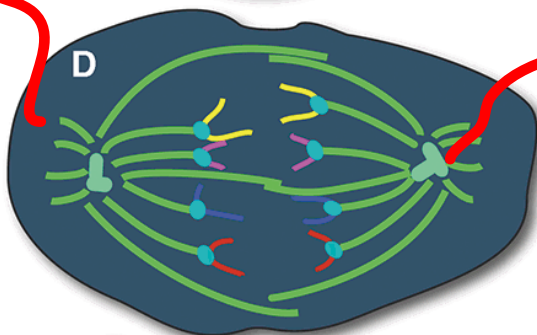


**Microtubule [C]**

They move vesicles,  
granules and organelles

**Cytoplasm [D]**

Fills the cell and  
contains everything  
inside of it

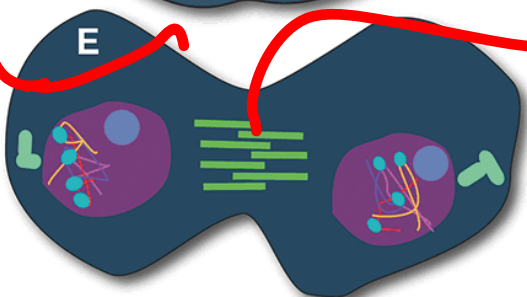


**Centrosome [D]**

Breaks down to create  
mitotic spindle

**Cleavage  
Furrow [E]**

indentation of the cell's  
surface that begins the  
progression



**Contractile  
Ring [E]**

Cuts the cord