



Provincia del Chaco

**Ministerio de Educación, Cultura, Ciencia y Tecnología.**

**Instituto de Educación Superior “Villa Ángela”**

Prof en Educación Secundaria en Matemáticas



Espacio: **GEOMETRÍA MÉTRICA**

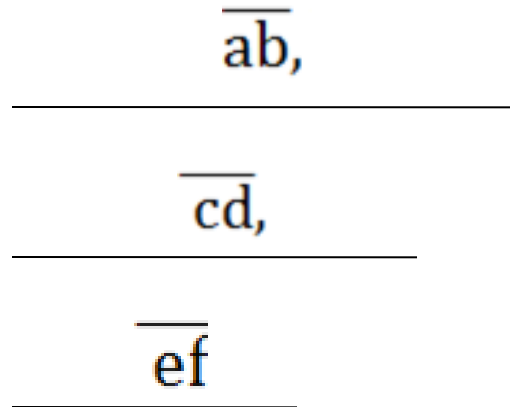
Tema: **Operaciones con Segmentos**

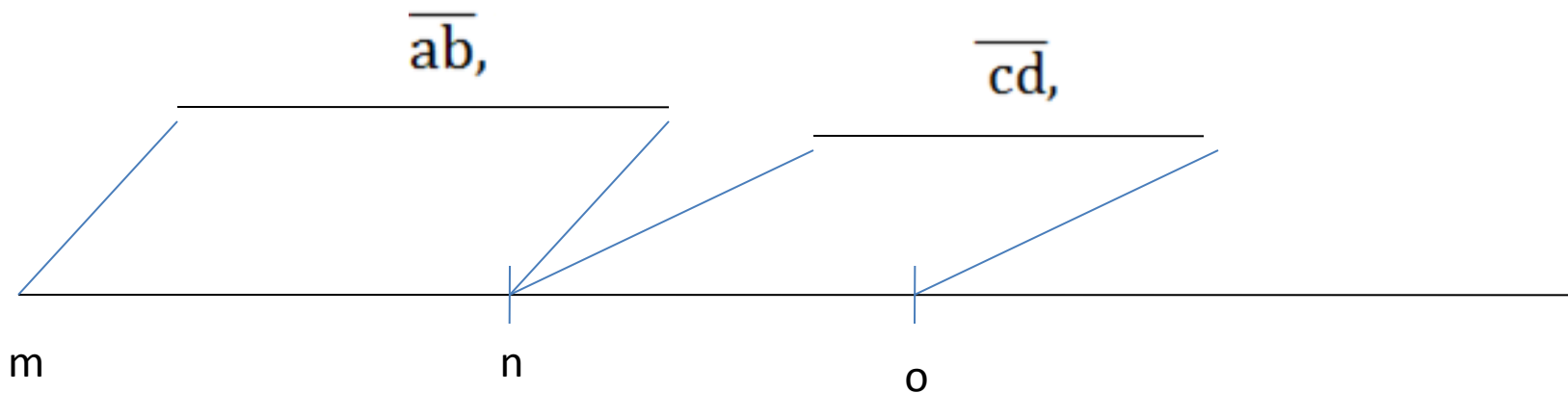
**1er Año**

# Operaciones con Segmentos

Dibuja tres segmentos:  $\overline{ab}$ ,  $\overline{cd}$ ,  $\overline{ef}$  tales que:  $\overline{ab} > \overline{cd} > \overline{ef}$  y calcula:

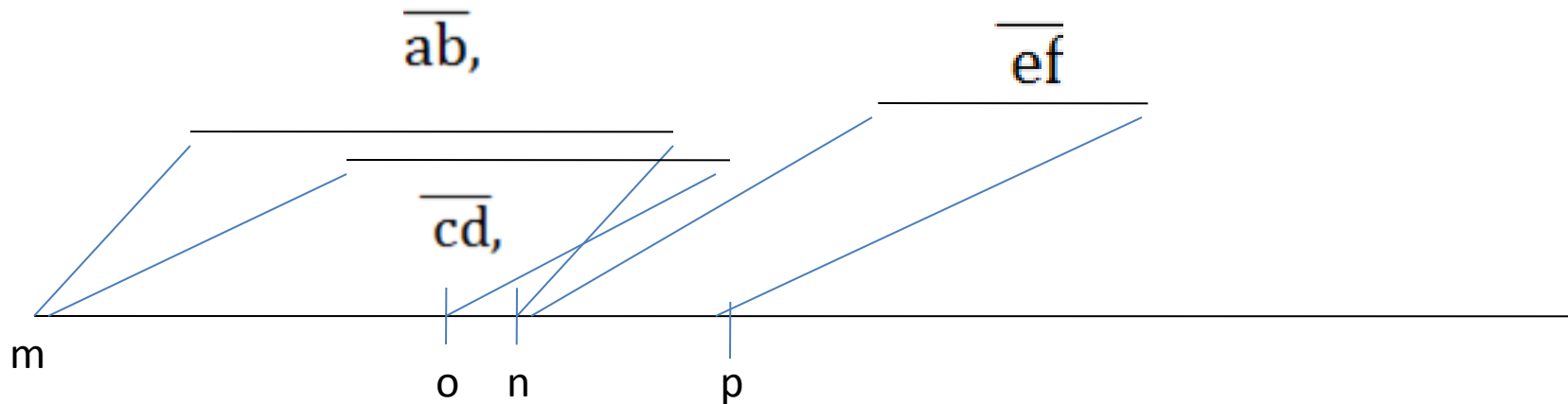
a)  $\overline{ab} + \overline{cd} =$





$$\overline{ab} + \overline{cd} = \overline{mn} + \overline{no} = \overline{mo}$$

$$\text{b) } \overline{ab} - \overline{cd} + \overline{ef} =$$

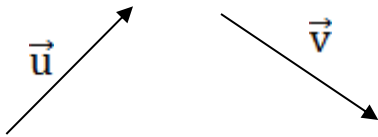


$$\overline{ab} - \overline{cd} = \overline{mn} - \overline{mo} = \overline{on}$$

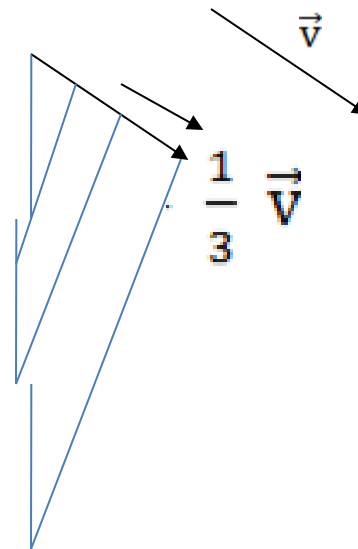
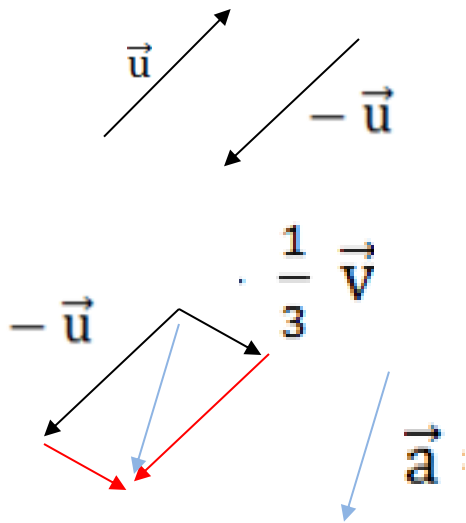
$$\overline{ab} - \overline{cd} + \overline{ef} = \overline{on} + \overline{np} = \overline{op}$$



3) Dado los vectores  $\vec{u}$  y  $\vec{v}$  hallar:

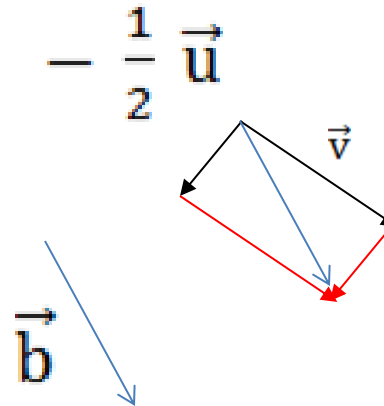
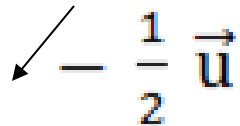
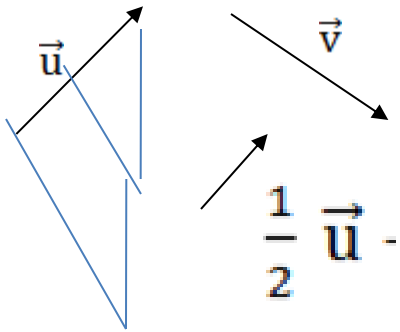


$$\vec{a} = -\vec{u} + \frac{1}{3}\vec{v}$$



POR EL MÉTODO DEL PARALELOGRAMO

$$\vec{b} = -\frac{1}{2}\vec{u} - \vec{v}$$



$$\vec{f} = \vec{u} + \vec{a} - \vec{b}$$

