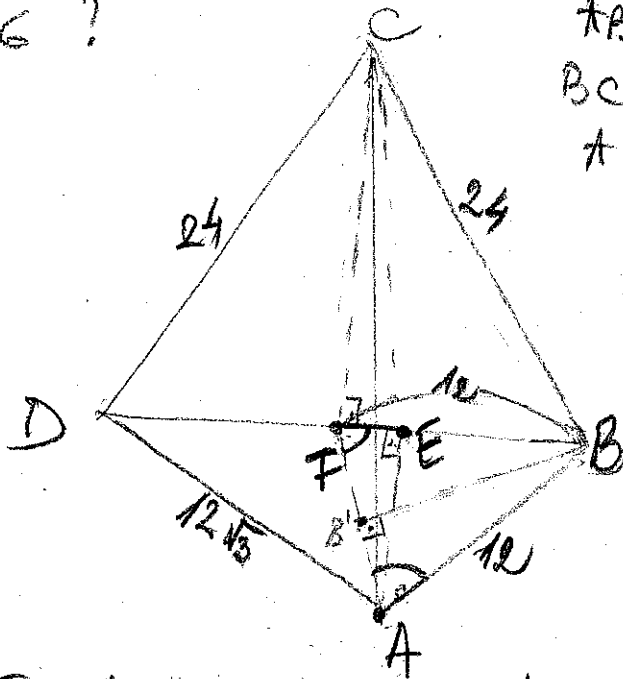


$$EF = 6 ?$$



$\triangle ABCD$ paralelogram

$$BC = CD = BD = 24$$

$$AB = 12$$

$$AD = 12\sqrt{3}$$

$$AE \perp BD$$

$$CF \perp BD$$

$$EF = ?$$

$$AC = 24$$

$$DF = BF = AB = 12$$

$$BB' \perp AF$$

$$BB' \cdot AF = AE \cdot BF$$

$$CF = \frac{12\sqrt{3}}{2} = \frac{24\sqrt{3}}{2}$$

$$CF = 12\sqrt{3}$$