

Temă - 03 mar 2026

- ① Suma numerelor naturale divizibile cu 3 din intervalul $[2; 18)$ este
- ② Câte nr întregi negative sunt în intervalul $(-2\sqrt{5}, \sqrt{3})$?
- ③ Calculați $\sqrt{(3-2\sqrt{5})^2}$
- ④ Calculați $2\sqrt{5} \left(1 - \frac{4}{\sqrt{5}}\right) - \sqrt{20}$
- ⑤ Dacă $\frac{x}{y} = \frac{3}{5}$ atunci $10x - 6y$ este
- ⑥ Cel mai mic nr întreg mai mare decât $3\sqrt{2}$ este
- ⑦ Determinați $x \in \mathbb{Z}$ astfel încât $\frac{12}{2x+1} \in \mathbb{Z}$
- ⑧ Arătați că $\left(2\sqrt{10} - \frac{10}{\sqrt{10}}\right) \cdot 2\sqrt{5} = 10\sqrt{2}$
- ⑨ Dacă 15 robinete cu același debit pot umple un bazin în 8 ore, atunci 12 robinete ar umple bazinul în ore.
- ⑩ $A = \{x \in \mathbb{Z} / -\sqrt{3} < x < 2\sqrt{3}\}$
card $A = ?$

① $\triangle ABC, \hat{B} = 90^\circ$

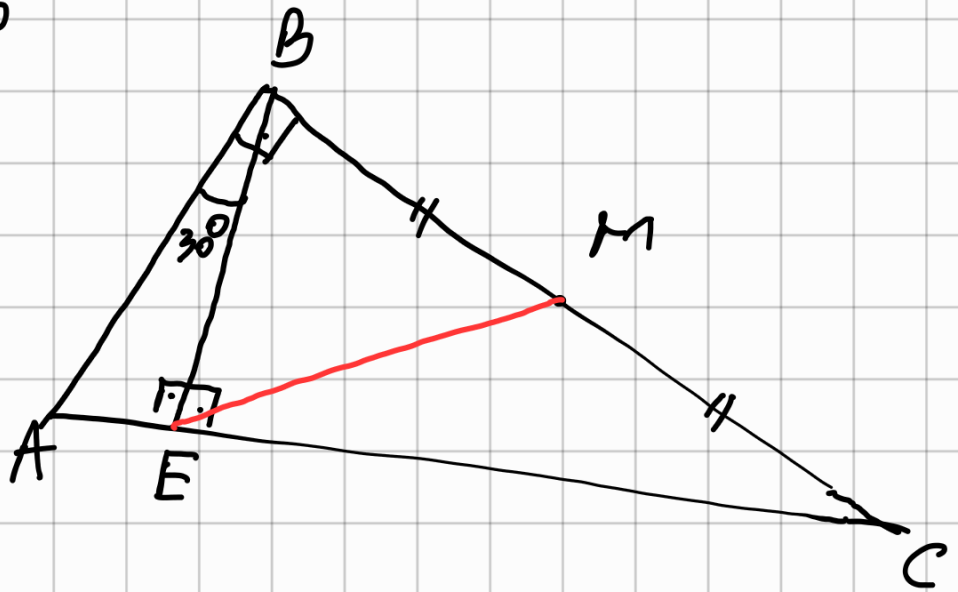
$$AC = 16 \text{ cm}$$

$$BE \perp AC$$

$$m\angle ABE = 30^\circ$$

$$M - \text{mid } BC$$

$$EM = ?$$



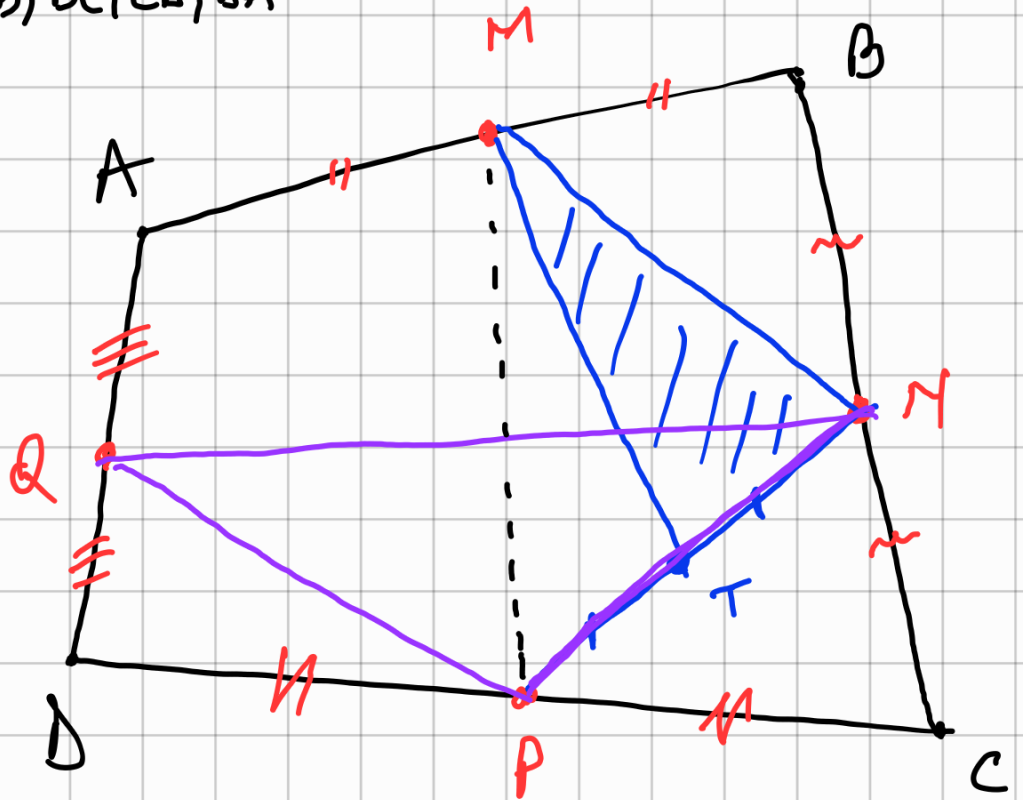
② ABCD - paralelateral convex

$$M, N, P, Q - \text{mid } AB, BC, CD, DA$$

$$T - \text{mid } PM$$

$$A_{\triangle MNT} = 6 \text{ cm}^2$$

$$A_{\triangle QPN} = ?$$

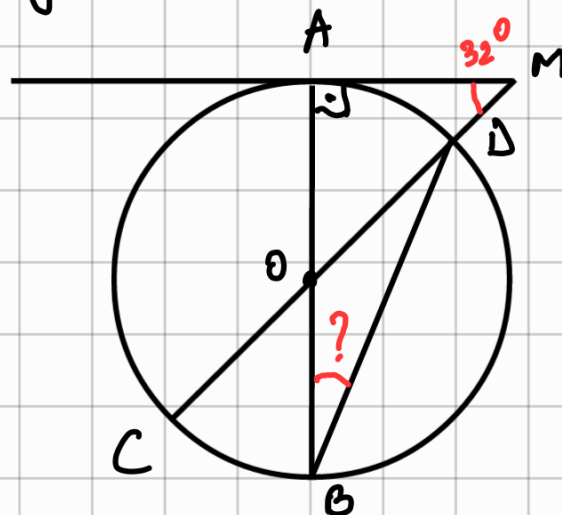


Ind : QPNM - paralelogram

③ AB, CD - diametre

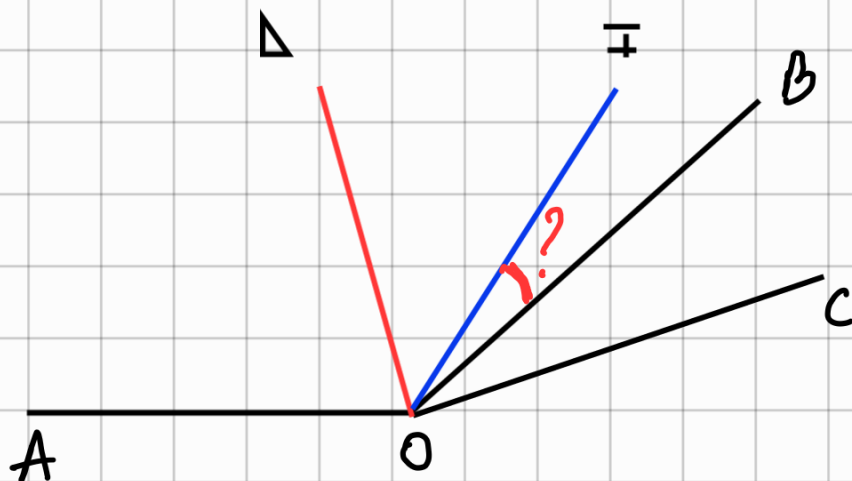
$$m\angle AMC = 30^\circ$$

$$m\angle ABD = ?$$



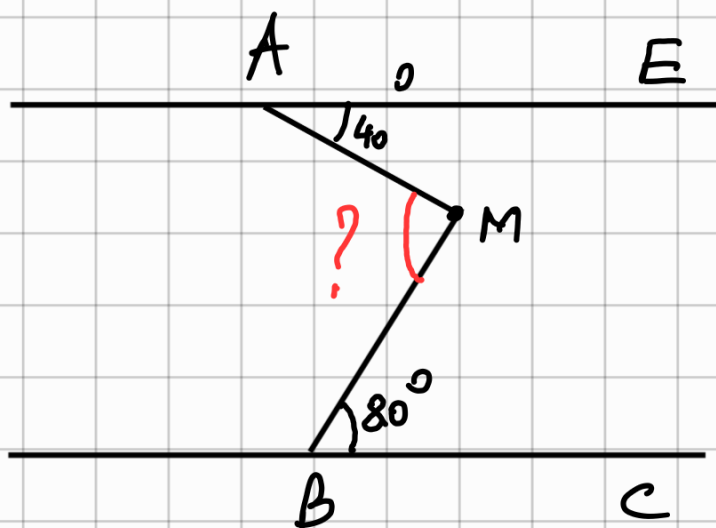
④ $\widehat{AOB}, \widehat{BOC}$ adiacente
 OD - bined $\widehat{AOB}$
 OF - bined $\widehat{BOC}$
 $\widehat{AOB} = 120^\circ$
 $\widehat{BOC} = 30^\circ$

 $m \widehat{FOB} = ?$



⑤ $AE \parallel BC$
 $m \widehat{EAM} = 40^\circ$
 $m \widehat{CBM} = 80^\circ$

 $m \widehat{AMB} = ?$



⑥ $AB = AC$
 $AD = DC = CB$

 $m \widehat{ABC} = ?$

