

EVALUARE SUMATIVĂ

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I. 1. C; 2. A; 3. B; 4. D; 5. B; 6. a) D; b) C; c) B;

II. 1. b) $\widehat{AC} = 120^\circ$, $\widehat{BC} = 60^\circ$;

$$\text{c) } \mathcal{A} = \frac{1}{2} \cdot \mathcal{A}_{\text{cerc}} - \mathcal{A}_{ABC} = 18 \cdot (\pi - \sqrt{3}) \text{ (cm}^2\text{)}.$$

2. $\triangle AMQ \cong \triangle BNM \cong \triangle CPN \cong \triangle DQP \Rightarrow MN \cong NP \cong PQ \cong QM$; $\sphericalangle NMQ = 15^\circ + 60^\circ + 15^\circ = 90^\circ$.

3. a) Fiecare unghi are măsura de 120° ;

b) $AB < BC$; nu este poligon regulat.