

EVALUARE SUMATIVĂ, PAG 117

I. 1 B; 2. C; 3. D; 4. B; 5. B; 6. A; 7. D; 8. C;

II. 1 a) $\sphericalangle DBC = 45^\circ$, $\sphericalangle GBF = 45^\circ$;

b) $CF \perp BF$, $DB \perp BF \Rightarrow BD \parallel CF$;

c) $MO \parallel BF$, $AO \parallel BF$.

2. $\sphericalangle DMA = 120^\circ = \sphericalangle EMF$, $\sphericalangle BNC = 120^\circ = \sphericalangle ENF$, $\sphericalangle E = \sphericalangle F = 60^\circ$, $DM = MA$,
 $DF = AE \Rightarrow MF = ME$. 3. $8x + 14y = 30$, $x, y \in \mathbb{N} \Rightarrow x = 2, y = 1, h \geq 7$ (m).