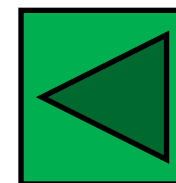




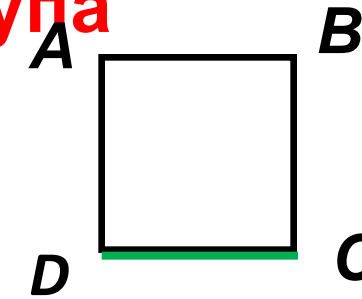
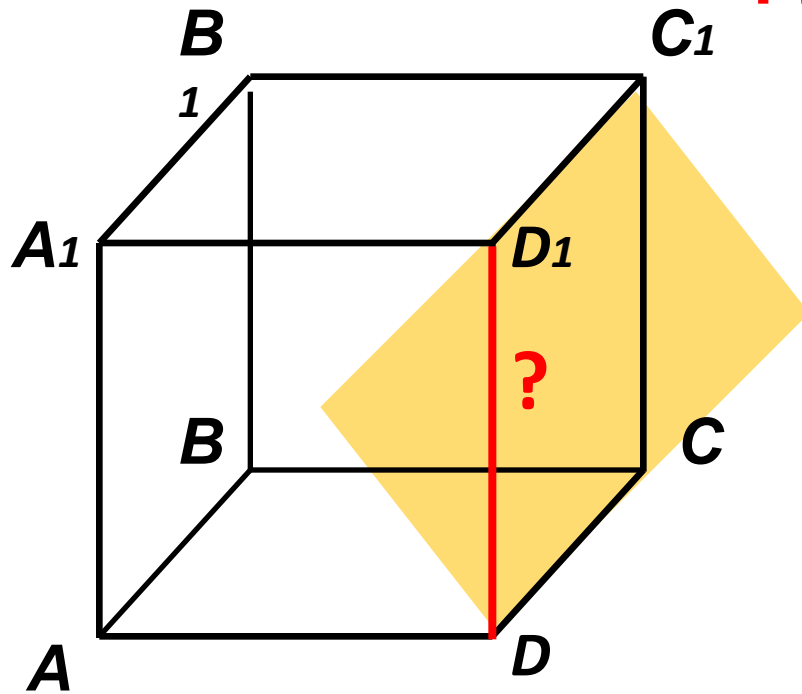
**Многогранники.
Розв'язування
задач**

I група	II група	III група	IV група	V група
<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>
<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>
<u>3</u>	<u>3</u>	<u>3</u>	<u>3</u>	<u>3</u>



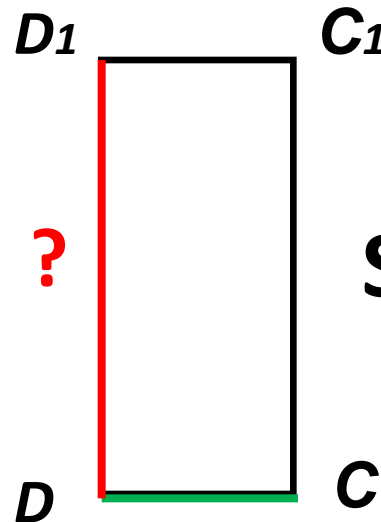
№ 1.

I
группа



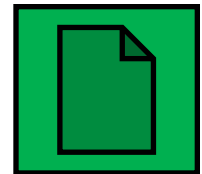
$$P_{ABCD} = 12$$

CCM



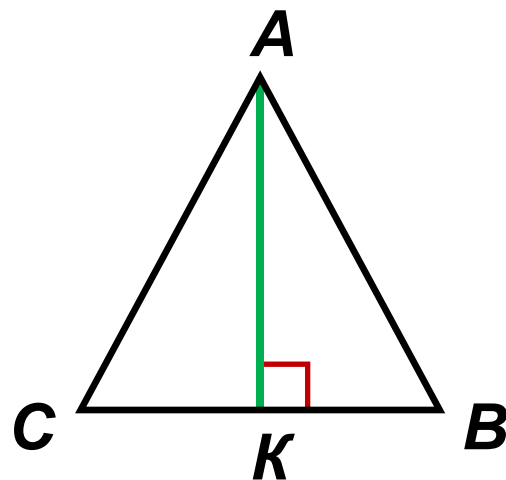
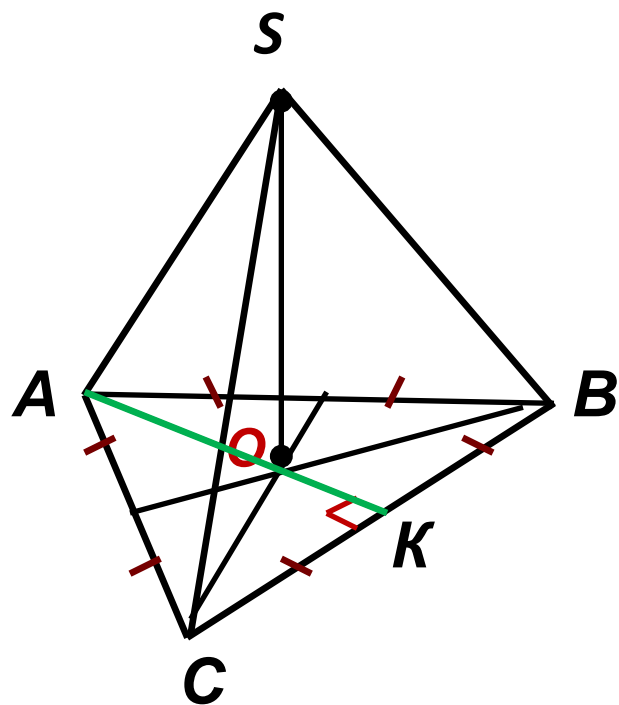
$$S_{DD_1C_1C} = 48 \text{ cm}^2$$

$$DD_1 = ?$$



№ 2.

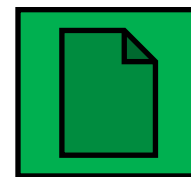
I група



$$AK = 2\sqrt{3} \text{ cm}$$

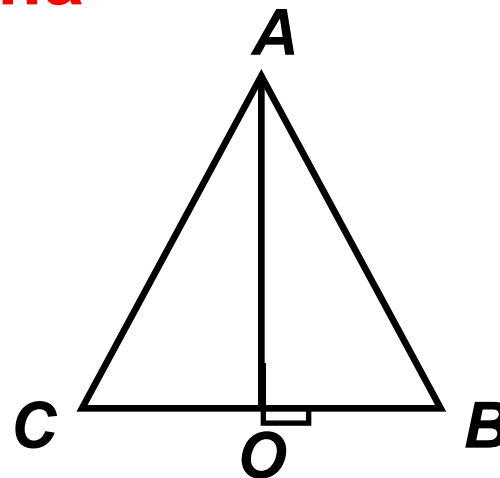
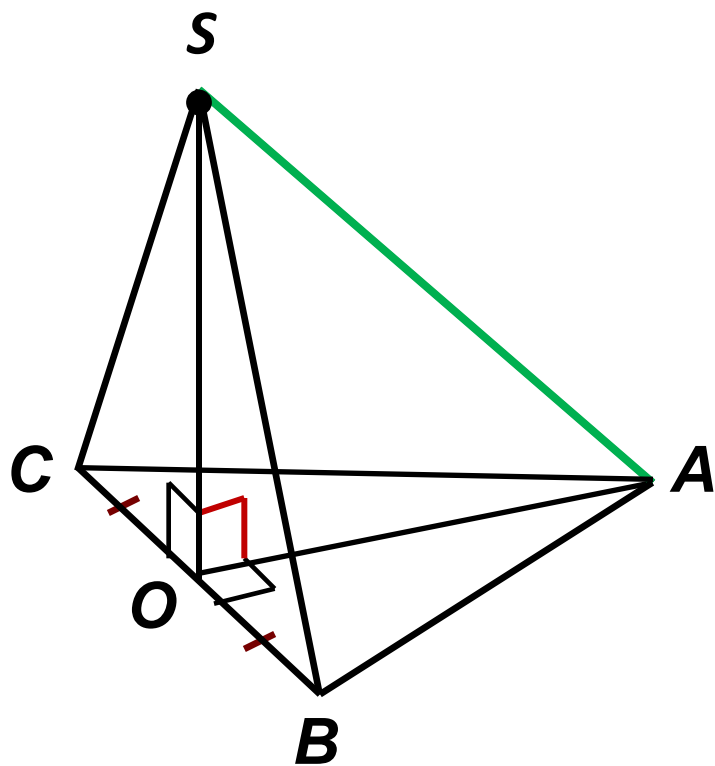
$$SO = 4\sqrt{3} \text{ cm}$$

$$V = ?$$



№ 3.

I група



$$AB = AC = BC = 12$$

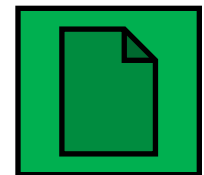
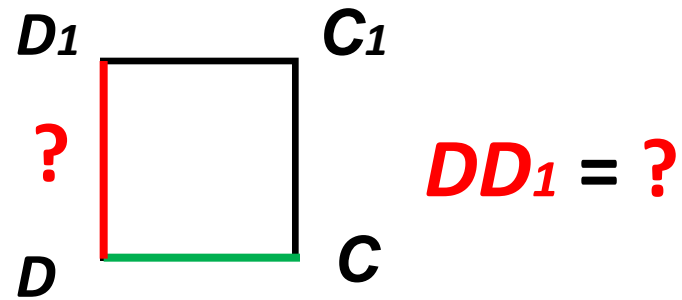
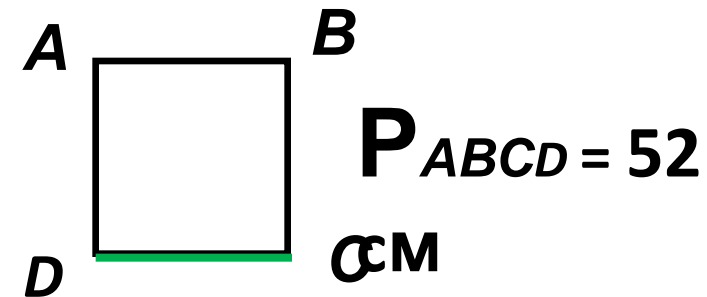
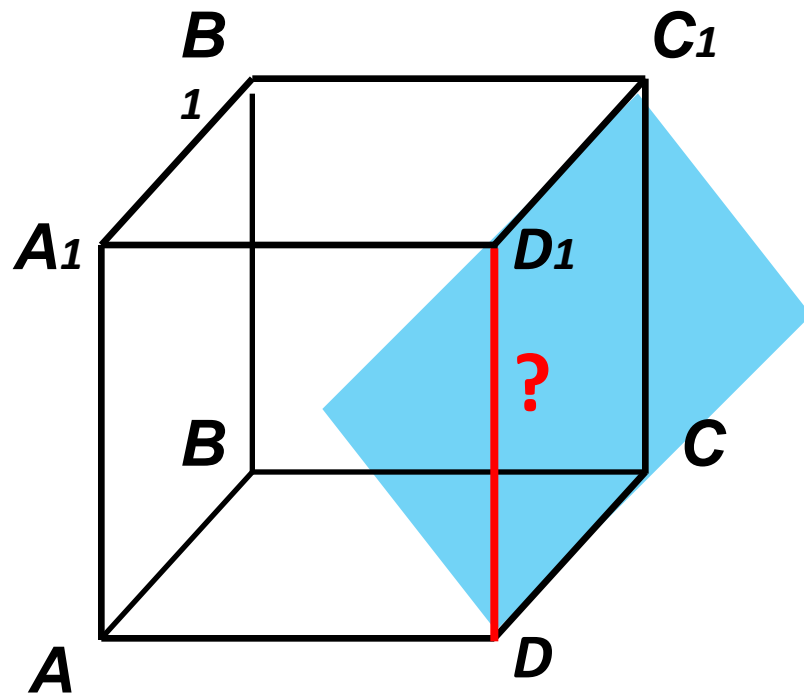
$$SA = 10\sqrt{3} \text{ cm}$$

$$V = ?$$



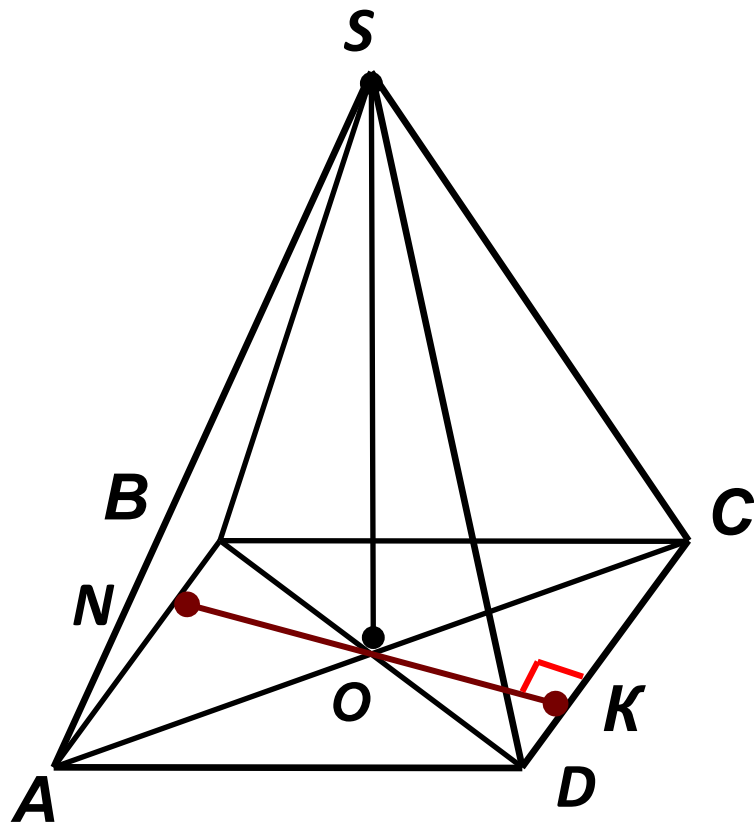
№ 1.

II группа

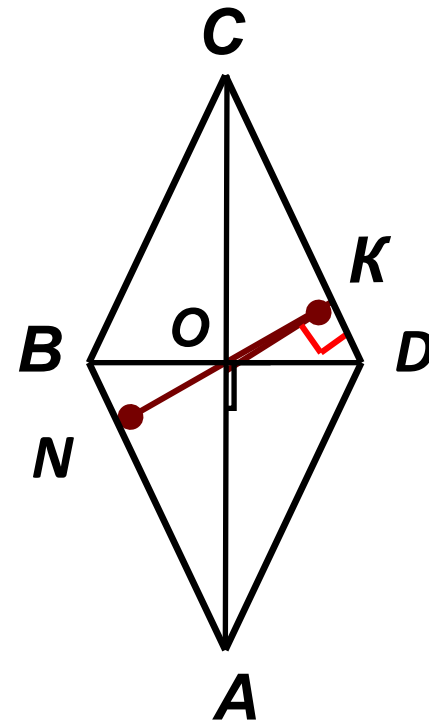


№ 2.

II группа



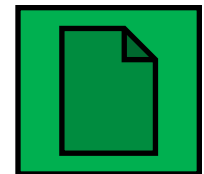
$V = ?$



$$r = OK = 5 \text{ cm}$$

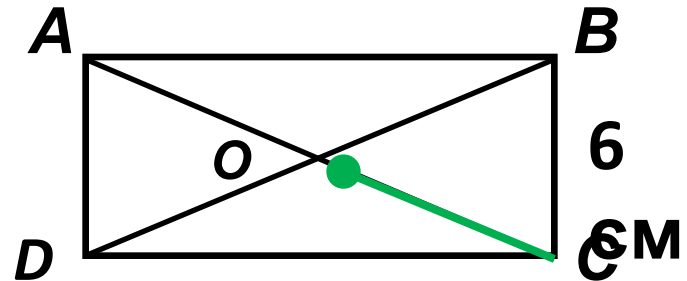
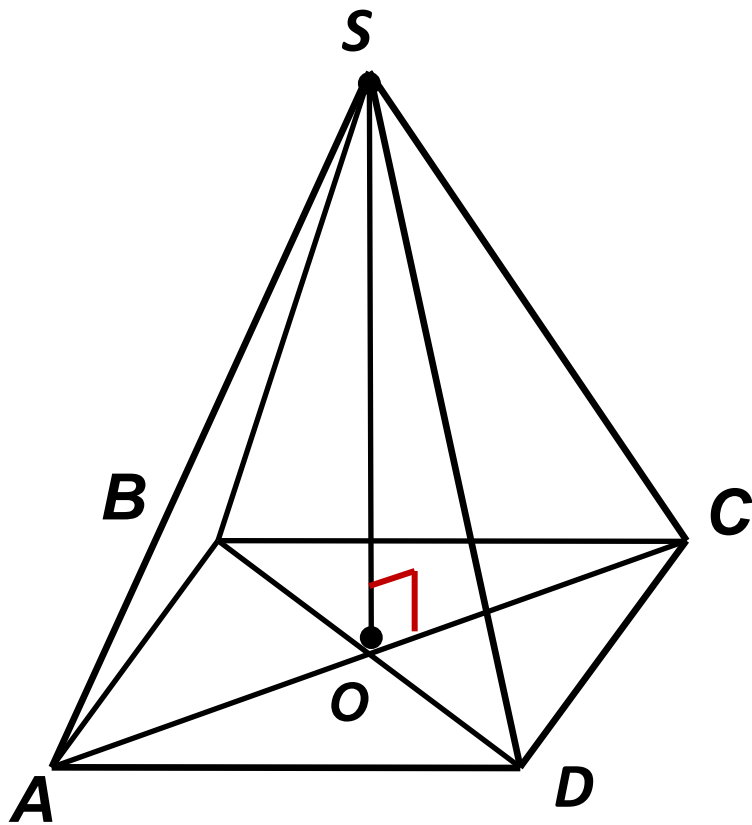
$$AB = BC = CD = AD = 8 \text{ cm}$$

$$SO = 12 \text{ cm}$$



№ 3.

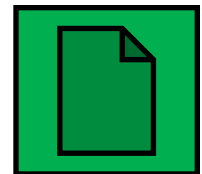
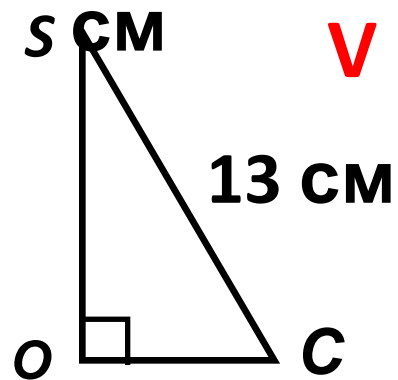
II группа



$$OC = 5$$

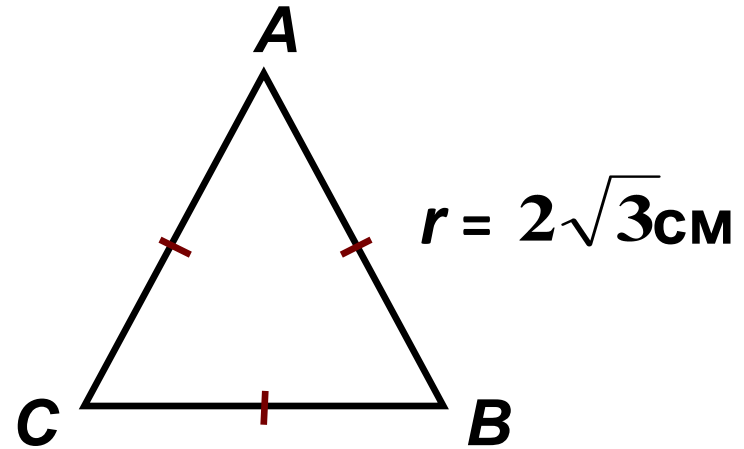
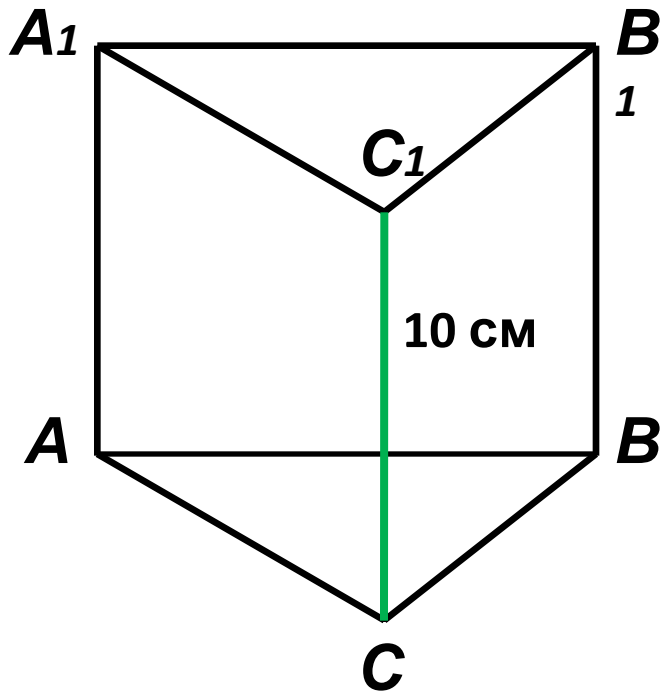
$$AS = BS = CS = DS = 13$$

$$V = ?$$



№ 1.

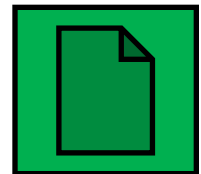
III група



S бічної поверхні = ?

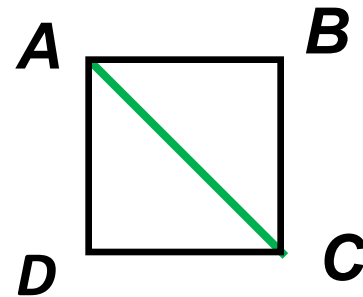
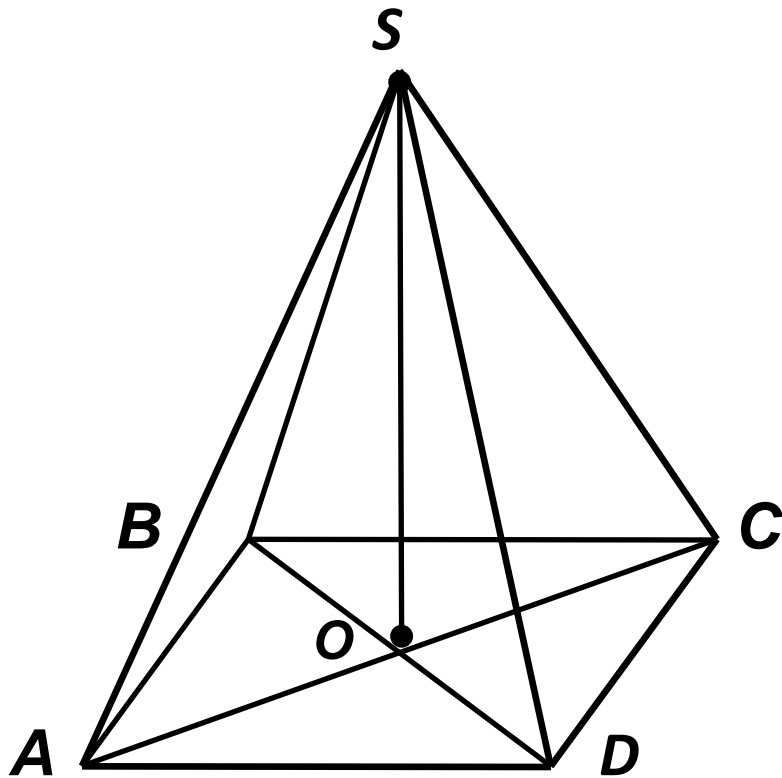
S бічної поверхні = $P_{\text{осн.}}$ ·

H



№ 2.

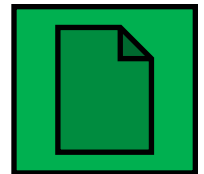
III группа



$$AC = 6 \text{ cm}$$

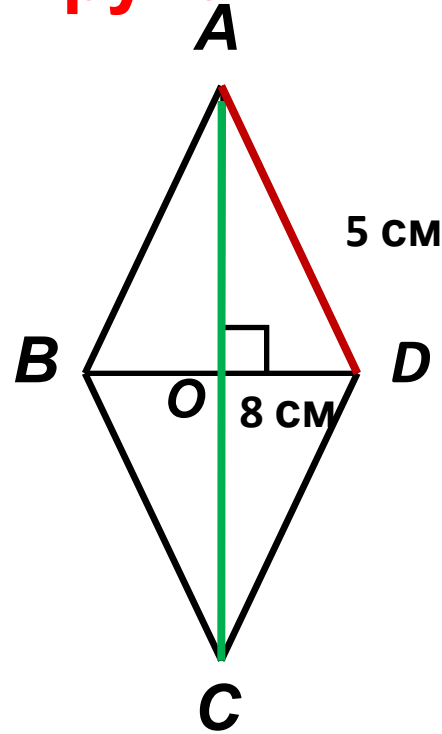
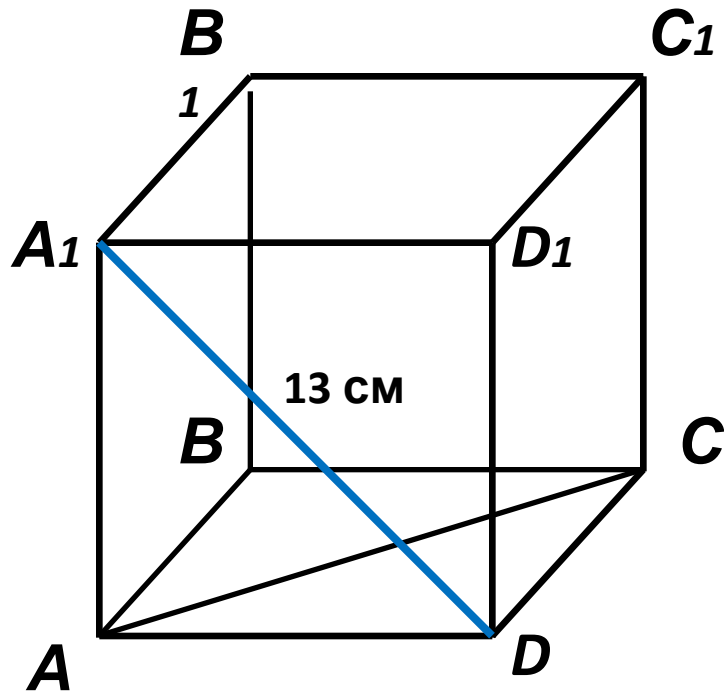
$$SO = 10 \text{ cm}$$

$$V = ?$$



№ 3.

III группа

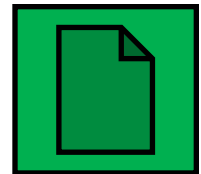


$$AD = 5 \text{ cm}, \quad AC = 8$$

$$A_1D = 13$$

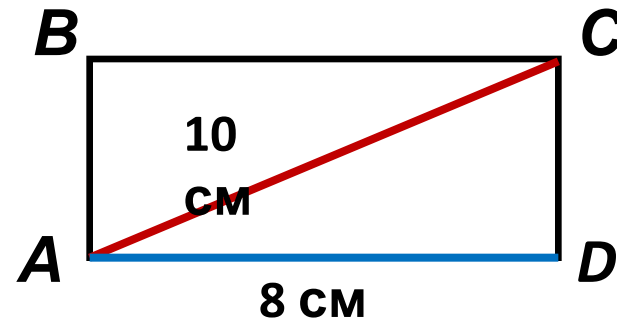
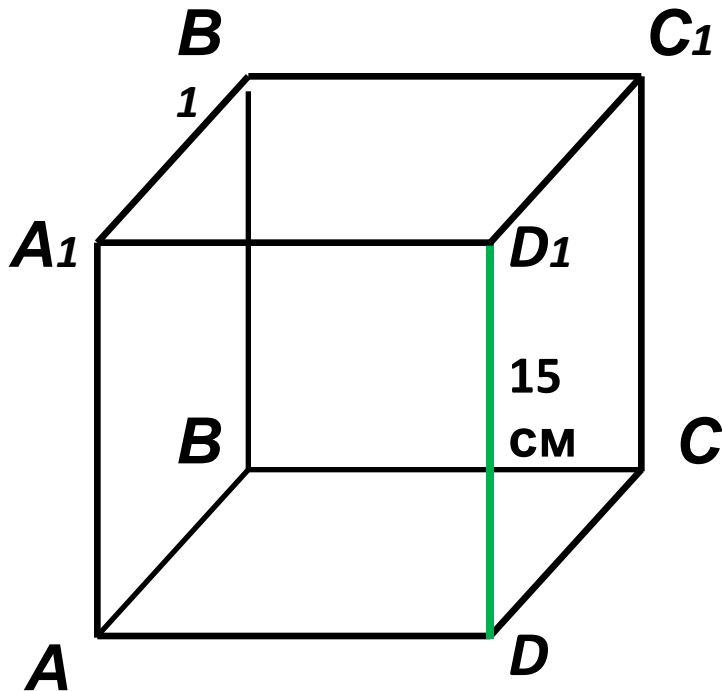
CM

$$V = ?$$



№ 1.

IV група

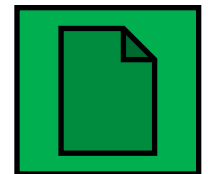


$$AD = 8 \text{ CM}, \quad AC = 10$$

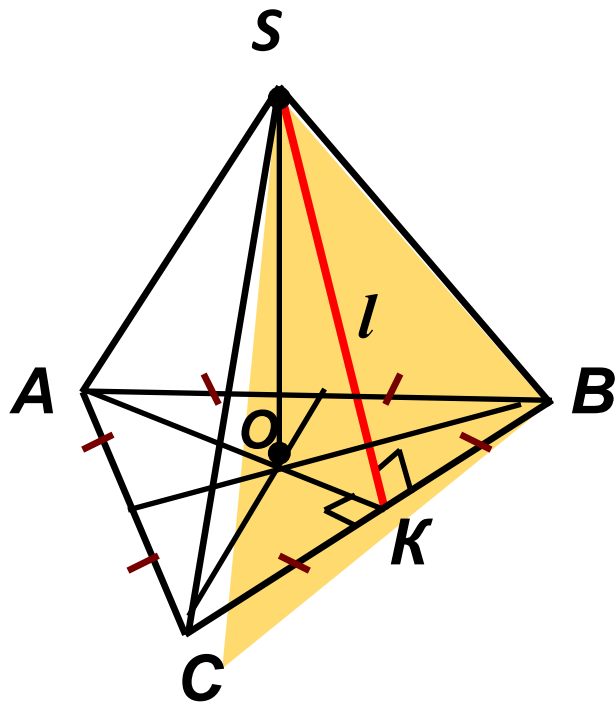
$$DD_1 = 15 \text{ CM}$$

$$S_{\text{повної поверхні}} = ?$$

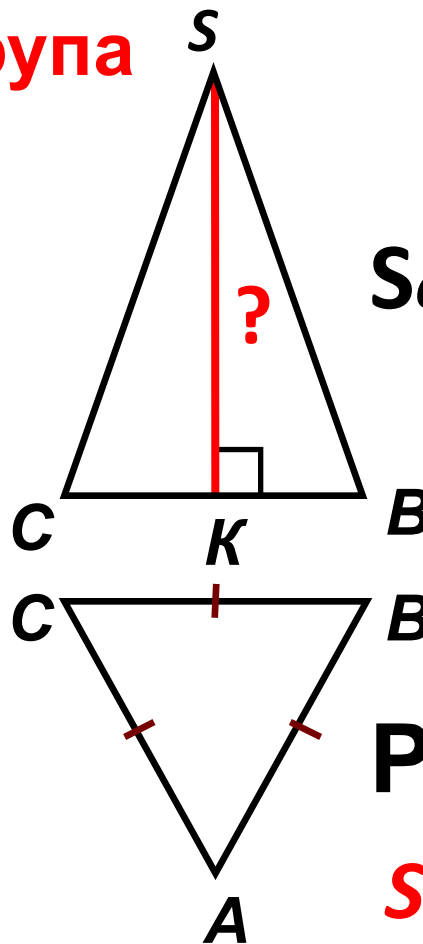
$$S_{\text{повної поверхні}} = S_{\text{біч.пов.}} + 2 \cdot S_{\text{осн.}}$$



№ 2.



IV
группа



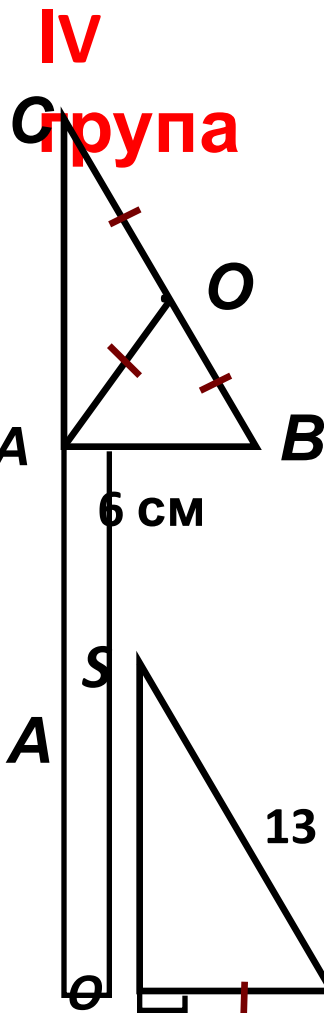
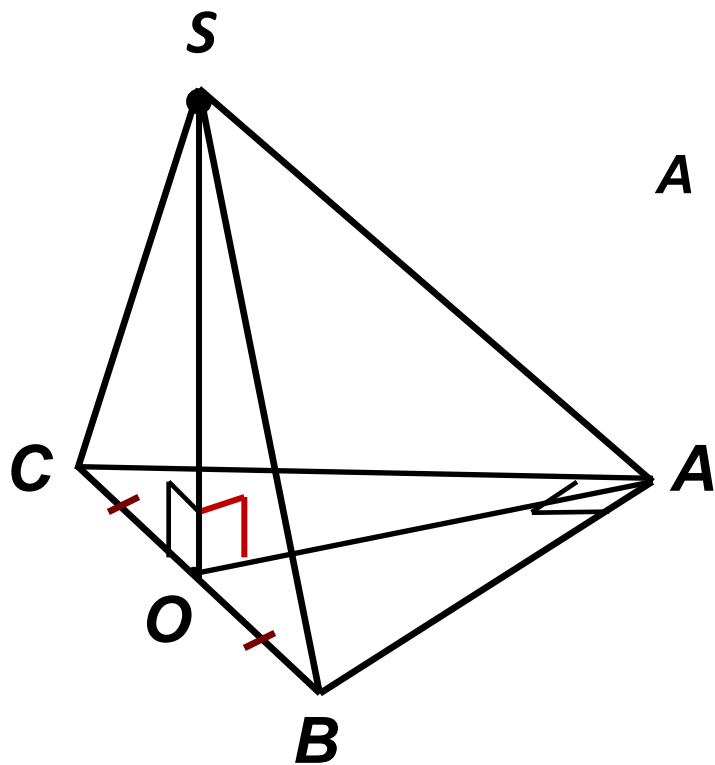
$$S_{CSB} = 30 \text{ cm}^2$$

$$P_{ABC} = 18 \text{ cm}$$

$$SK = ?$$



№ 3.

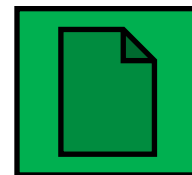
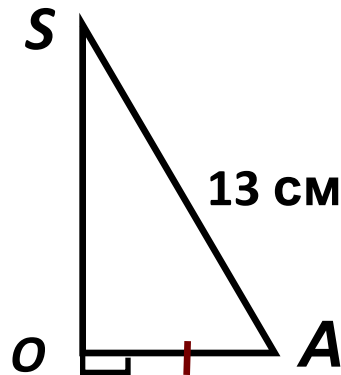
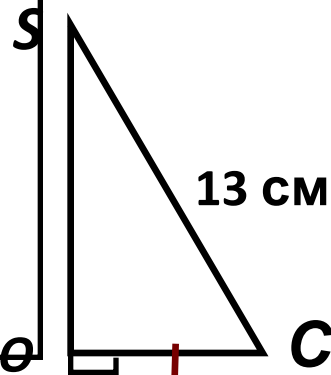


$$AB = 6 \text{ cm}$$

$$R = OC = OB = 5$$

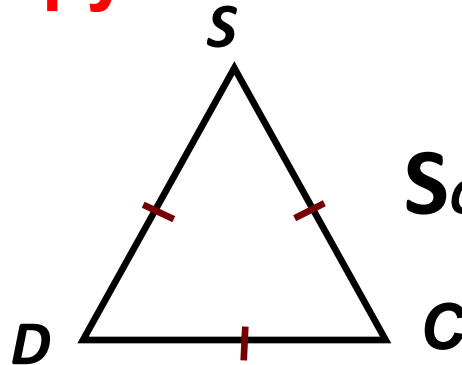
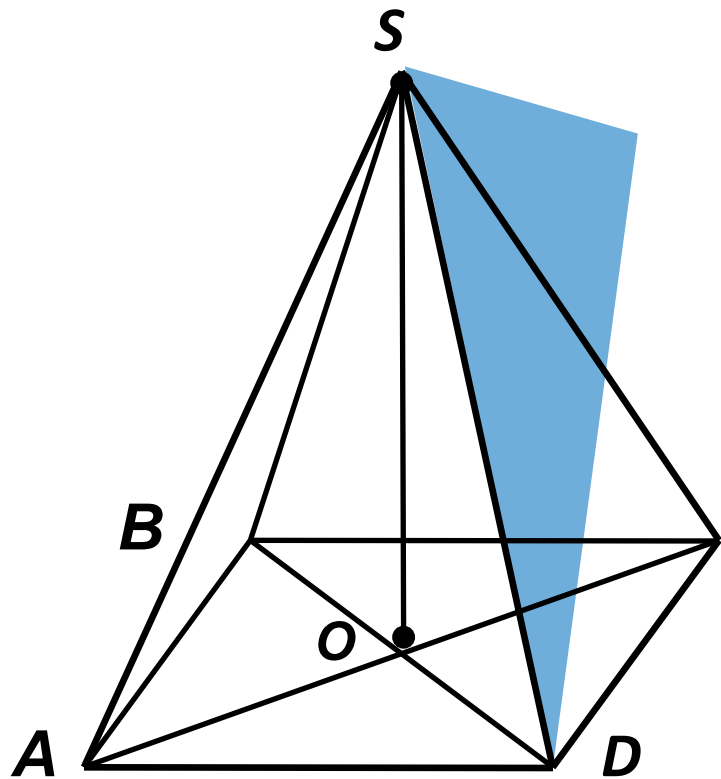
$$SA = SB = SC = 13 \text{ cm}$$

$$V = ?$$

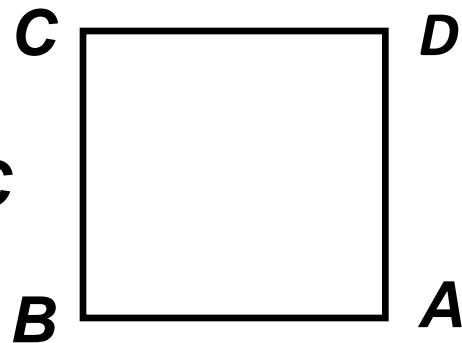


№ 1.

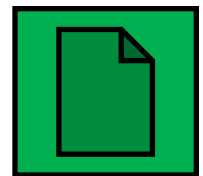
V группа



$$S_{CSD} = 9\sqrt{3} \text{ cm}^2$$

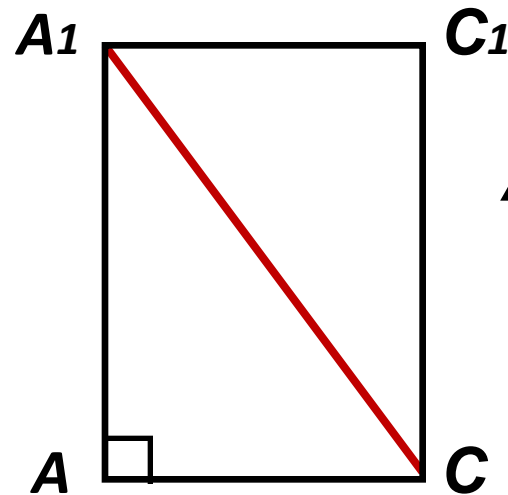
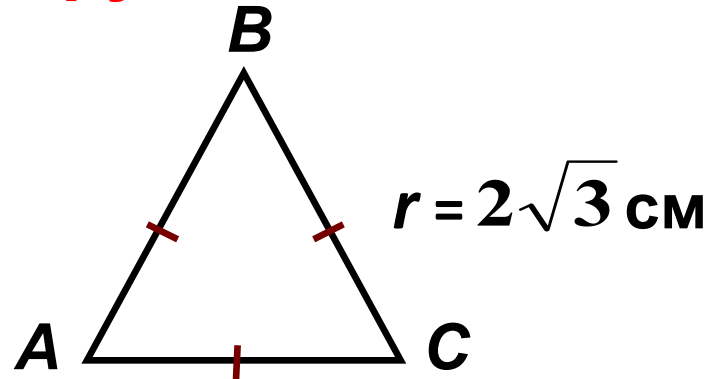
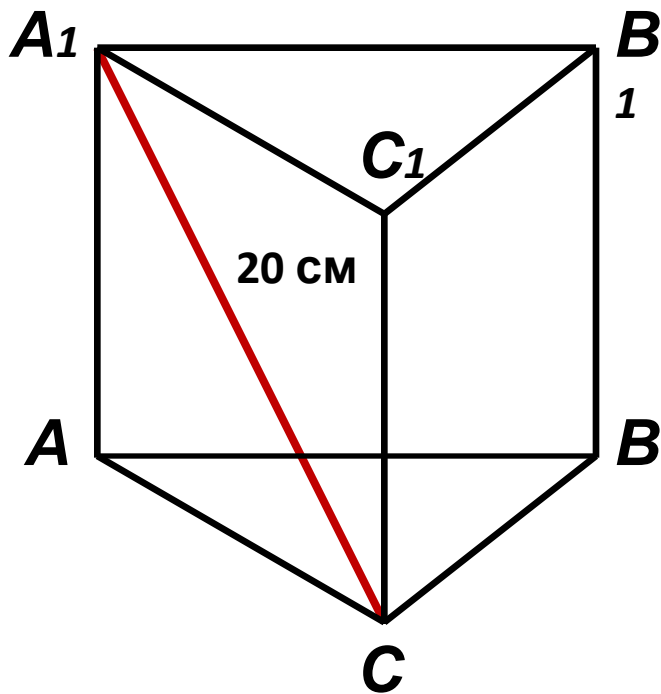


$$P_{ABCD} = ?$$



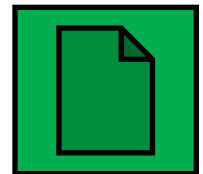
№ 2.

V группа



$$A_1C = 20 \text{ cm}$$

$$V = ?$$

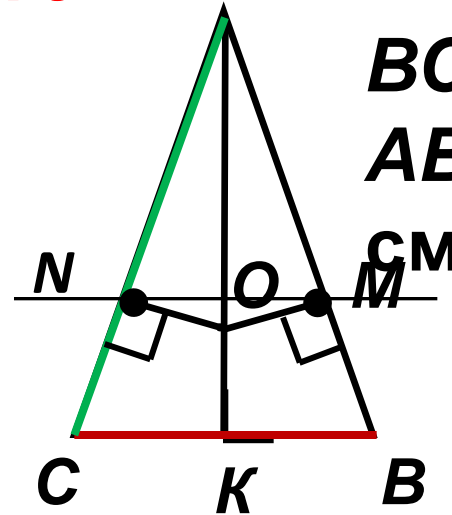
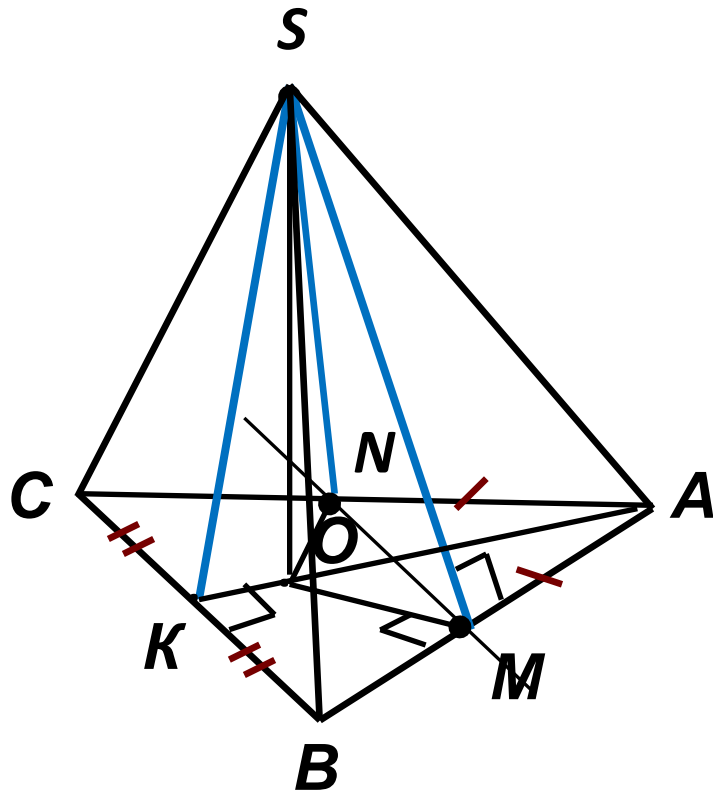


№ 3.

V группа A

$$BC = 12 \text{ cm}$$

$$AB = AC = 10$$



$$SK = SM = SN = 5 \text{ cm}$$

$$V = ?$$

