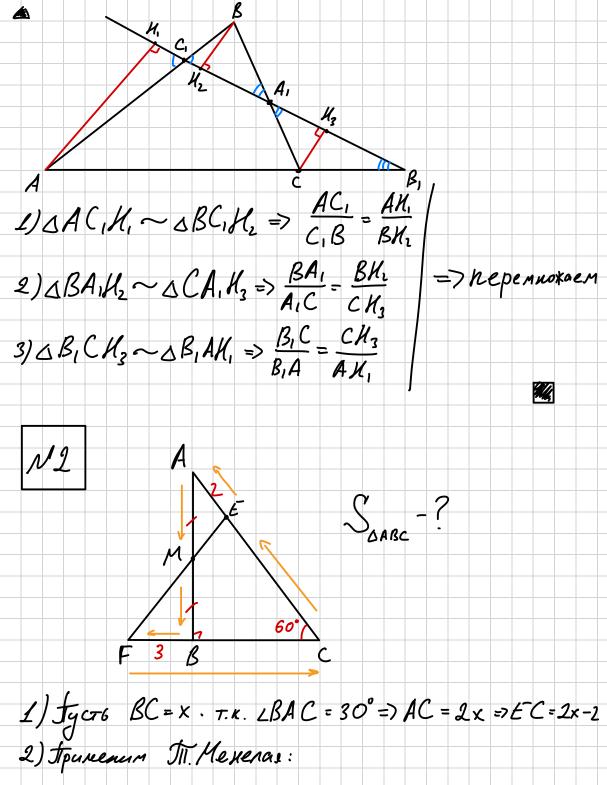


Morga: BC=11y=10=>BE=11 4) To cl-by Juc-Chi BO B DABE: AU 10 11 OE 50/15 5) Hangen x uz St. Juparopa 6 s ABH:  $8^2 \times 1 = 10^2 - 6^2 = (10 - 6)(10 + 6) = 8^2$ X=1=>0H=3 6) To TII. Tuparopa & MAON: 112t2 62+32 = 32(22+1) = 5.32 L= 3V5 => AE = 48V5 (Пеорема Менелая) AC, BA, CB,



$$\frac{CE}{EA} \cdot \frac{AM}{MB} \cdot \frac{BF}{FC} = 1$$

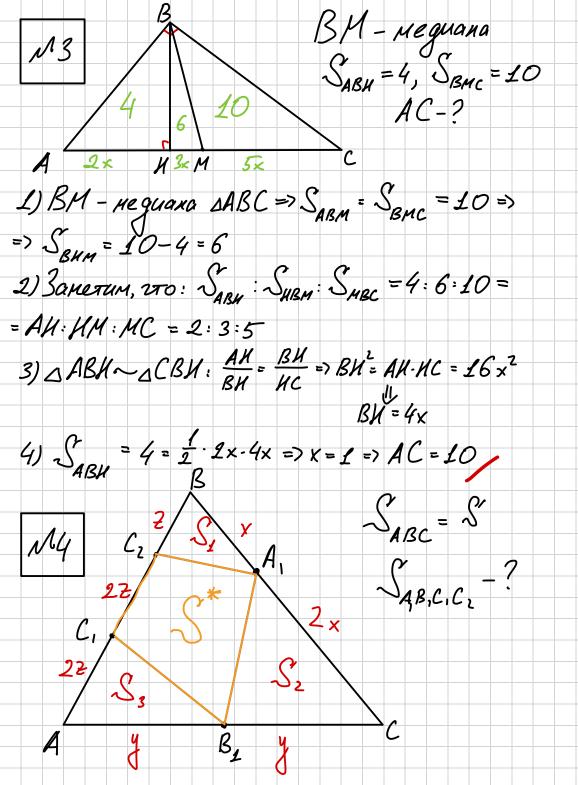
$$\frac{2x-2}{2} \cdot 1 \cdot \frac{3}{3+x} = 1$$

$$3x - 3 = 3+x = 7 \times = 3 = 7 \left(AC = 6$$
3) To III. Trupozopa:

$$AB^2 = 6^2 - 3^2 = 3^2 (2^2 - 1) = 3^2 \cdot 3$$

$$AB = 3\sqrt{3}$$
4) Trozga proxyag6:
$$S_{AABC} = \frac{1}{2} 3\sqrt{3} \cdot 3 \cdot \frac{9\sqrt{3}}{2}$$
Chorerbo neguanii: AM-megnana =  $3 \cdot S_{ABM} = S_{AMC}$ 

Togymaire cann  $3 \cdot S_{ABM} = S_{AMC}$ 



1) B 2 TOIS gagaze, 2 TO SII NAITU 
$$S_1, S_2, S_3$$

houseoun SIT 1 uz  $f S = (399020 \text{ o s-uax}, 600-)$ 

cannux  $6 \text{ ogus } y \text{ on})$ :

$$\frac{S_1}{S} = \frac{BC_2}{BA} \cdot \frac{BA_1}{BC} = \frac{2}{52} \cdot \frac{x}{3x} = \frac{1}{15}$$

$$\frac{S_2}{S} = \frac{2x}{3x} \cdot \frac{y}{2y} = \frac{1}{3}$$

$$\frac{AB}{AC} = \frac{150x}{200x} = \frac{3}{4}$$
5) Hougem AD-no Jr. Truparopa &  $\Delta$ -kox  $\Delta ABD$  u
$$\Delta ACD \text{ unpurebasen (!):}$$

$$9y^2 - (126x)^2 = 16y^2 - (124x)^2$$

$$7y^2 = (124 - 126)(124 + 126)x^2$$

$$7y^2 = 98 \cdot 350x^2$$

$$7y^2 = 7 \cdot 14 \cdot 7 \cdot 50x^2 = 7 \cdot 49 \cdot 100x^2$$

$$y = 7 \cdot 10x$$

$$y = 70x$$

BC = AB + AC => LA = 90°