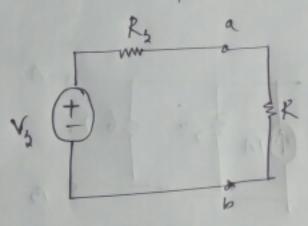
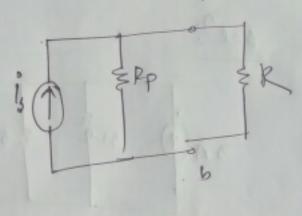
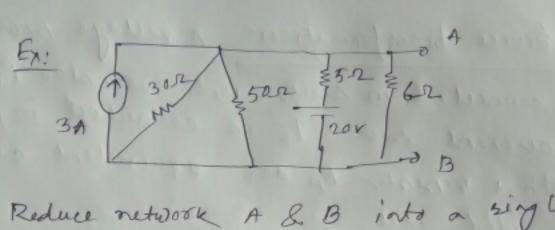
is connected in series with resistor Ps and a current rowree Is is connected in portable with a resistor Rp are aquivalent cxt provided that

Rp = R3 & V3 = R3 13



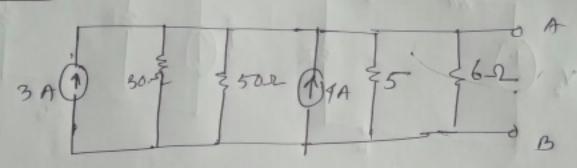


$$I = \frac{20}{5} = 4A\uparrow$$



Reduce network A & B into a single voltage source series with a resistor

302°:



here Peg = (301150115116)

= 2.38-2

And correct source one in some direction.

$$7A = 3+4=7A$$

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V= 7x 2.38=16.6 V

thirds find cht.

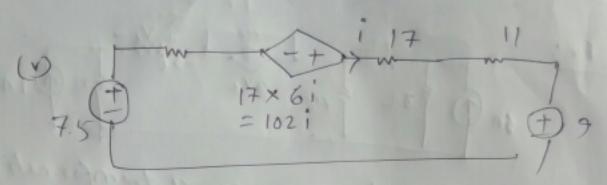
4/2 365 392 3 102 7/ 22 8A TIZV Find current in 10-52 using rowre tronsformation. (1) 7V TIZV TIZV TIZV (1) 41 = 62 = 302 = 1052 (11) 7 = 16V = 112 (111) 1.75A (1) EYSL 2.67 E 6.52 (1) \$ 922 \$ 1002 here. fra (Exept 10-2) = (4/16/19/8/116) And Mrs , 2365 (Blaces do cherent ever -105/2 512 20; marcol 20; fe Lother

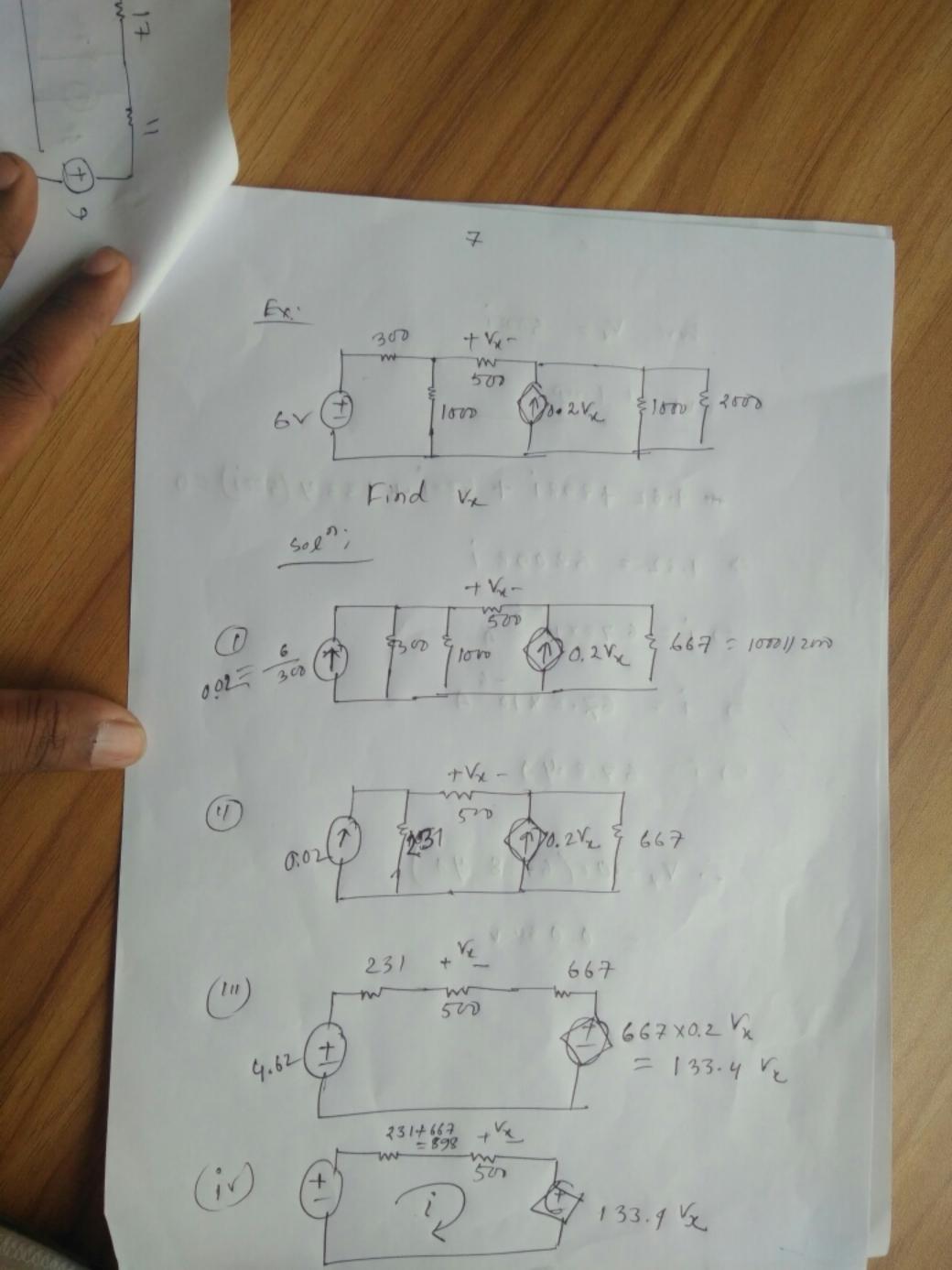
.. Final cut!

$$0.41 \text{ A}$$

(316 118 136) = (4(16 118 3 113)

The same of the sa





here Vx = 500 i un at long + 4.62 + 8981 + 5001 + 133.4 (500) =0 => 4.62 = 68098 i $9i = 6.78 \times 10^{-5} A$ $9i = 67.8 \times 10^{-6} A$ =) i = 67.84A -. Vx =50 (67.8 41) = 0.034 V