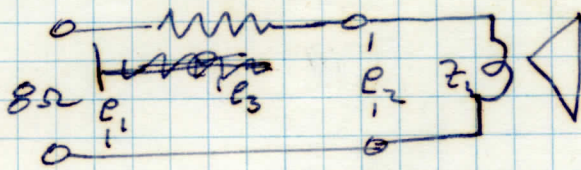


$$R_1 = 2.5 \Omega$$



$$\frac{24}{2.5} = 9.6$$

$$13.5$$

$$\frac{44}{106} = \frac{88}{130}$$

$$\frac{25}{3.2}$$

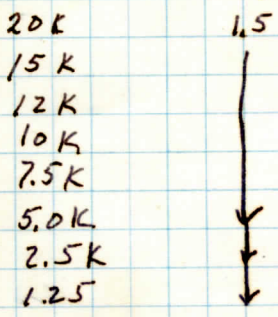
$$\frac{R_1}{e_3} = \frac{Z_2}{e_2}$$

$$Z_2 = \frac{R_1 e_2}{e_3}$$

$$3.2 \sqrt{\frac{114}{60}} = \frac{108}{60}$$

F Hz	e <sub>1</sub> Woofers	e <sub>2</sub>	e <sub>3</sub>	Z <sub>1</sub> Ω
2000	1.5	1.14	.36	7.2
40	1.5	1.17	.33	8.1
20	1.5	1.1	.40	6.9
300	1.5	1.14	.36	7.2
→ 400	1.5	1.15	.35	7.5 Ω
600	1.5	<del>1.18</del> 1.18	.32	8.5
1000	1.5	1.24	.26	12
2K	1.5	1.30	.20	16.2
4K	1.5	1.37	.13	23.7
8K	1.5	1.8	.10	35
Horn				
200	1.5	1.10	.50	5.0
400	1.5	1.04	.46	5.65
800	1.5	1.11	.39	7.1
1600	1.5	1.06	.44	6.0
→ 3200	1.5	1.02	.48	5.3
6400	1.5	1.07	.43	6.2
12800	1.5	1.15	.35	8.2

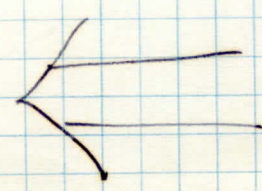
E.S.



F	e <sub>1</sub>	e <sub>2</sub>	e <sub>3</sub>	Z <sub>1</sub>
20K	1.5	1.28	.22	14
15K		1.35	.15	10.7
12K		1.35	.15	10.7
10K		1.32	.18	8.5
7.5K		1.23	.27	5.5
5.0K		<del>1.09</del> 1.09	.41	6.65
2.5K		1.30	.20	16.2
1.25		1.26	.24	13

Audio

Horn



F	e <sub>1</sub>	e <sub>2</sub>	e <sub>3</sub>	Z <sub>1</sub>	
3K		1.5	1.05	.45	5.65
5		1.5	1.07	.43	6.2
6		1.5	1.1	.40	6.89
7		1.5	1.12	.38	7.37
8		1.5	1.14	.36	7.9
10		1.5	1.16	.34	7.9
Woofers					
500		1.5	1.18	.32	9.2
750		1.5	1.2	.30	10.0