

opgave 3.2

$$r_1 := 280\Omega$$

$$r_2 := 140\Omega$$

$$r_3 := 70\Omega$$

$$U := 56V$$

$$P_1 := \frac{U^2}{r_1}$$

$$P_1 = 11.2 \text{ W}$$

$$P_2 := \frac{U^2}{r_2}$$

$$P_2 = 22.4 \text{ W}$$

$$P_3 := \frac{U^2}{r_3}$$

$$P_3 = 44.8 \text{ W}$$

$$P := P_1 + P_2 + P_3$$

$$P = 78.4 \text{ W}$$