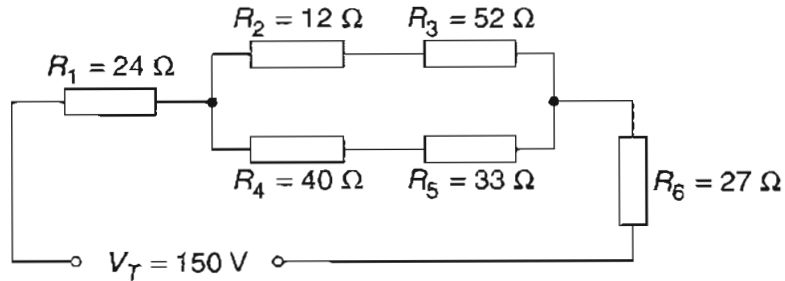


Question 24 (3 marks)

Calculate the total resistance of the electrical circuit shown. Show all your working in the space provided.

3



$$(12 * 52 + 40 * 33) \div 4 = 34.25$$
$$24\ \Omega + 34.25\ \Omega + 27\ \Omega = 85.25\ \Omega$$
$$= \text{ANSWER} \quad 82.5\ \Omega$$