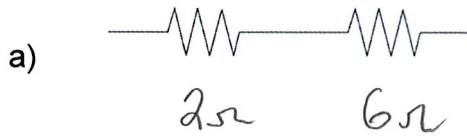


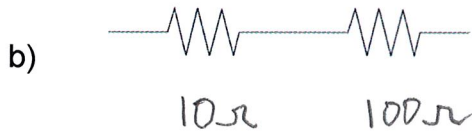
Physics 11 Resistors in Series and Parallel Practice #1

Name: _____

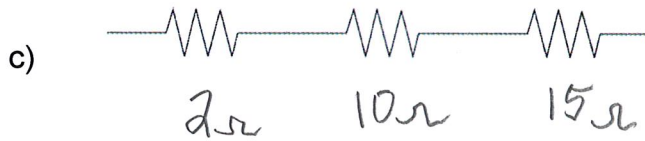
1. Calculate the equivalent resistance of the resistors in series drawn below.



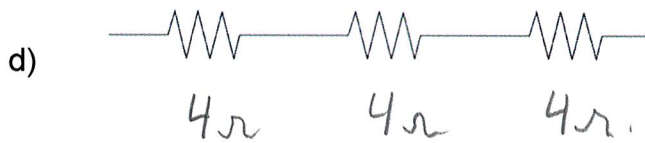
$R_{TOTAL} =$ _____



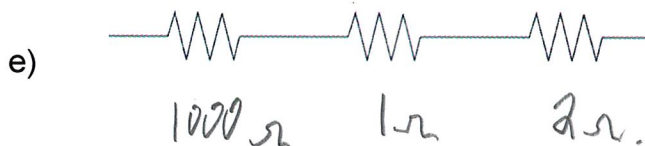
$R_{TOTAL} =$ _____



$R_{TOTAL} =$ _____

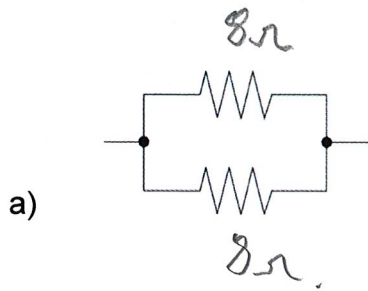


$R_{TOTAL} =$ _____

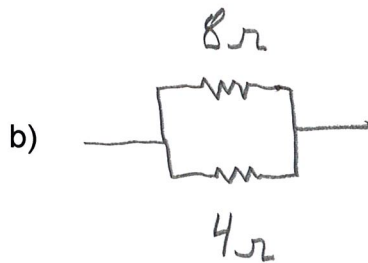


$R_{TOTAL} =$ _____

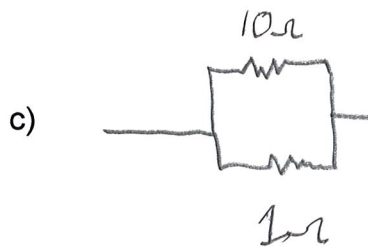
2. Calculate the equivalent resistance of the resistors in parallel drawn below.



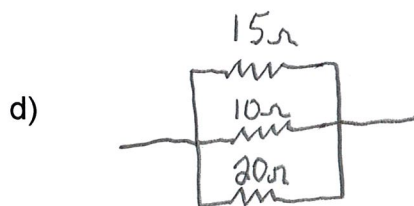
$R_{TOTAL} = \underline{\hspace{2cm}}$



$R_{TOTAL} = \underline{\hspace{2cm}}$



$R_{TOTAL} = \underline{\hspace{2cm}}$



$R_{TOTAL} = \underline{\hspace{2cm}}$