

Activity AP5.7 Circuit questions

Sheet 1

To answer

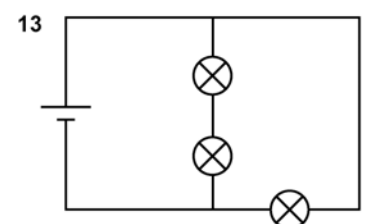
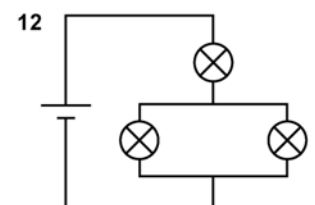
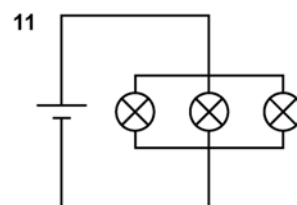
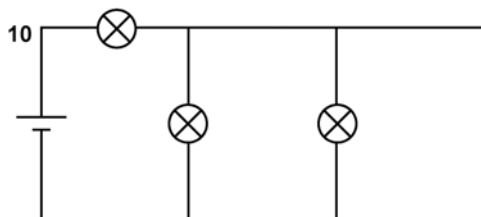
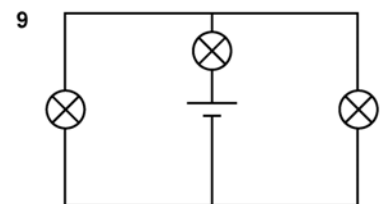
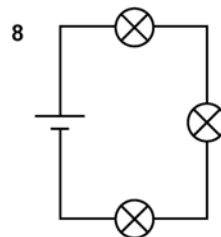
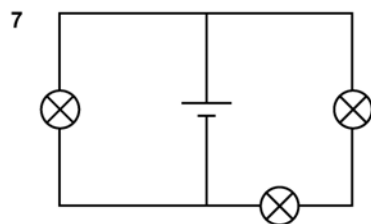
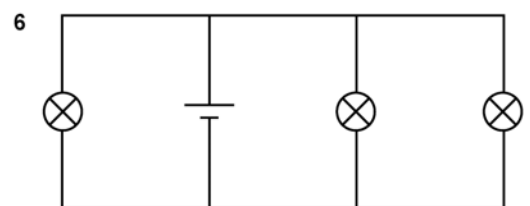
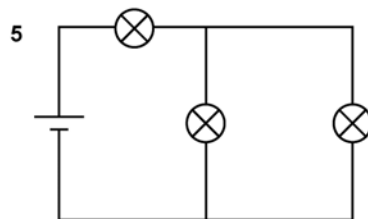
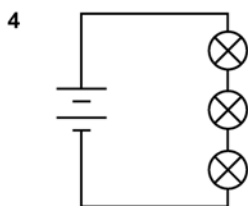
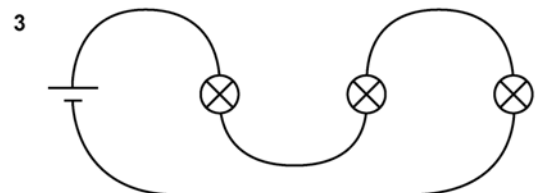
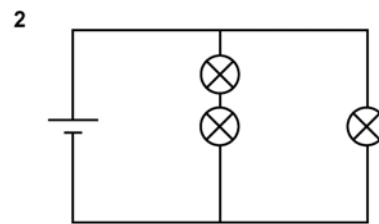
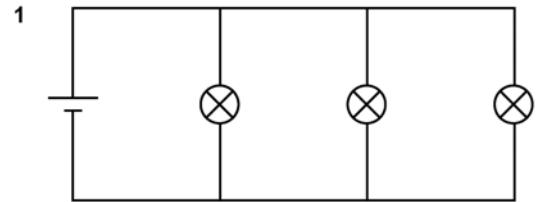
1 Here are 13 diagrams of electric circuits. Although they are all drawn differently in fact there are only five different circuits.

Four of the electric circuits have each been drawn in three different ways – but are the **same circuit**.

One circuit from the 13 is an odd one out.

a Which diagrams show the same circuit?

b Which one is the odd one out?



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Sheet 2

To answer

What is the current in each of these circuits?

Fill in the missing ammeter readings at point **a** and **b** in each diagram.

