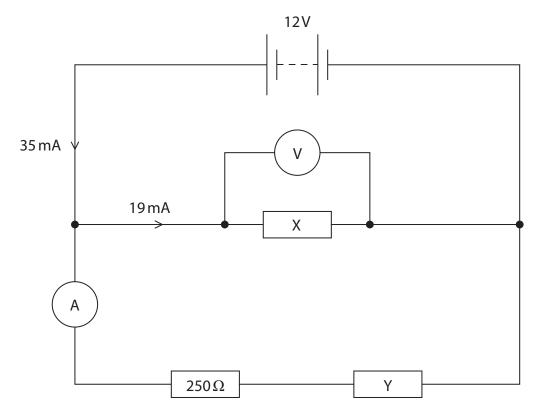
11 The diagram shows a circuit that includes a battery, an ammeter, a voltmeter and three different resistors.



(a) (i) Give the voltmeter reading.

(1)

(ii) State the formula linking voltage, current and resistance.

(1)

(iii) Calculate the resistance of resistor X.

(3)

resistance =
$$\Omega$$

(1)
(4)
Ω
uns
(2)
2 marks)
_ mana)

