

**Answer ALL ELEVEN questions.**

**Write your answers in the spaces provided.**

**You must write down all the stages in your working.**

- 1** Helen saves £ $P$  for her holidays.

She divides this money into three parts, £ $x$ , £ $y$  and £ $z$ , such that  $x : y : z = 2 : 3 : 5$

Given that  $x = 360$

- (a) calculate the value of  $P$ .

(2)

Helen changes £ $y$  to euros and £ $z$  to dollars.

The exchange rates are £1 = 1.25 euros and 1 euro = 1.20 dollars.

- (b) (i) Calculate the number of euros she should receive.

- (ii) Calculate the number of dollars she should receive.

(5)

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