

Answer **all six** questions from this section.

Question 1 **(25 marks)**

When Sean joined a sales company he was offered a choice of two different salary contracts. The details of the contracts are outlined in the table below.

	Salary	End of year commission on total sales
Contract A	€35 000	2%
Contract B	€30 000	3%

- (a) Find how much Sean would earn under **each** contract in a year where his total sales were €400 000.

Contract A	Contract B

- (b) Another employee, Mary, earned €50 000 in a particular year. She is on Contract A. Find her total sales for that year.

- (c) Find the total sales for which a salesperson would earn the same amount of money under each contract.