

Edexcel Nov 18 P3 (4 marks)

13.

Annie sold

- 45 books at £1.20 each
- 34 candles at £1.50 each
- Some calendars at 90p each

She got a total of £150

Work out how many calendars Annie sold

Solution:

- 1) Cost of the books: $45 \times £1.20 = £54$
- 2) Cost of the candles: $34 \times £1.50 = £51$
- 3) Total sales: cost of books + cost of candles: $£54 + £51 = £105$
- 4) Money left will be the total cost of the calendars: $£150 - £105 = £45$
- 5) Number of calendars: $£45 \div 0.90p = \underline{\underline{50 \text{ calendars}}}$

Your turn:

.1.

Annie sold

- **30 books at £1.20 each**
- **34 candles at £2.50 each**
- **Some calendars at 60p each**

She got a total of £151

Work out how many calendars Annie sold

.2.

Annie sold

- **84 books at £2.50 each**
- **27 candles at £1.37 each**
- **Some calendars at £1.05 each**

She got a total of £250.64

Work out how many calendars Annie sold

Answers: 1. 50 2. 13
