23 The following data is available at the end of a financial year.

| opening stock             | \$500 000   |
|---------------------------|-------------|
| purchases                 | \$2 250 000 |
| closing stock             | \$750 000   |
| gross profit margin       | 50 %        |
| debtors collection period | 60 days     |

Sales are all on credit and accrue evenly over a 360-day accounting period.

What is the value of debtors at the year-end?

- **A** \$333 333
- **B** \$375 000
- **C** \$500 000
- **D** \$666 667

**24** The profit margins of a company over two years showed:

|                     | 31 March<br>year 1 | 31 March<br>year 2 |
|---------------------|--------------------|--------------------|
| gross profit margin | 37.2%              | 39.1 %             |
| net profit margin   | 12.2%              | 11.8 %             |

What combination of factors could have caused these changes?

- A a change in the combination of goods sold leading to lower selling costs
- **B** a loss of trade discounts on purchases but an increase in cash discounts taken from suppliers
- C an advertising campaign to promote higher sales leading to higher selling prices
- **D** an increase in both production and selling costs
- 25 The data in the table relates to a small business.

|                | \$         |
|----------------|------------|
| sales          | 6000       |
| variable costs | 4500       |
| fixed costs    | <u>900</u> |
| net profit     | <u>600</u> |

What is the contribution to sales ratio?

- **A** 10 %
- **B** 25%
- **C** 33.33 %
- **D** 75%