



Worksheet 11: Use of formulae

Identify the correct answer by using the correct formula.

- 1 The table shows year-end information for a company.

Statement of profit or loss		Statement of financial position	
	\$		\$
profit from operations	14 000	5% debenture 2030	30 000
finance costs	(1 500)	ordinary share capital	70 000
loss on disposal of non-current asset	(2 500)	share premium account	15 000
profit for the year	10 000	retained earnings	35 000

What is the return on capital employed (ROCE)?

- A 6.7% B 8.3% C 9.3% D 11.7%

- 2 A company provided the following information:

revenue for the year	\$390 000
year-end non-current assets at cost	\$260 000
year-end accumulated depreciation	\$65 000

What was the non-current asset turnover?

- A 0.5 times B 0.67 times C 1.5 times D 2 times

- 3 A business provided the following information:

Month	Number of labour hours	Total overheads
February	64 000	918 000
March	76 000	1 062 000

What was the monthly fixed overhead cost?

- A \$144 000 B \$150 000 C \$768 000 D \$912 000



4 A business manufactures and sells a single product. The following information is available:

	This year \$	Estimated next year \$
selling price per unit	25	25
variable cost per unit	15	17
total fixed costs	80 000	84 000

The profit for this year is \$20 000.

How many units must be sold to achieve the same profit next year?

- A** 10 000 **B** 10 500 **C** 12 500 **D** 13 000