12 A company calculates factory profit at a mark-up of 20 % on the cost of production. The following information is available.

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inventory (stock) of finished goods at cost at 31 December 2007	40 000
cost of goods produced for the year to 31 December 2008	240 000
closing inventory (stock) of finished goods at cost plus factory profit at 31 December 2008	54 000

How much will be shown as factory profit in the accounts for the year ended 31 December 2008?

A $39 000 **B** $40 000 **C** $47 000 **D** $48 000

13 The table shows transactions relating to an inventory (stock) item during a period.

	number of units	per unit
bought	100	cost $16
sold	60	selling price $25

Of the remaining units, 20 are damaged and can only be sold for $10 each.

What is the profit for the period?

A $220 **B** $300 **C** $420 **D** $540

14 X, Y and Z are in partnership sharing profits and losses in the ratio 5 : 2 : 3. Y is entitled to a salary of $18 000 per annum. Partners receive interest at 6 % per annum on their capital account balances at the start of the year.

At the beginning of the year, capital account balances were:

X $30 000

Y $22 000

Z $20 000

The net profit before salary and interest for the year is $140 000.

What is Y's share of the total profits?

A $23 536 **B** $28 000 **C** $42 856 **D** $46 000