Percentage/financial arithmetic

6 questions | 12 marks

Equivalent correct methods earn the corresponding marks.

1. Find 6% of AUD 850. [2 marks]

0.06×850=51.

Answer: AUD 51.00

2. Reduce AUD 96 by 15%. [2 marks]

96×0.85=81.60.

Answer: AUD 81.60

3. A bill rises from AUD 125 to AUD 140. Find its percentage increase. [2 marks]

Change=15.

15/125×100=12%.

Answer: 12%

4. A jacket costs AUD 108 after a 25% discount. Find the original price. [2 marks]

0.75 P=108.

P=144.

Answer: AUD 144.00

5. AUD 500 increases 10%, then decreases 10%. Find the final value and overall change. [2 marks]

500×1.1×0.9=495.

5/500=0.01.

Answer: AUD 495.00;1% decrease

6. Add 8% tax to a tax-exclusive price of AUD 225. Find tax and total. [2 marks]

0.08×225=18.

225+18=243.

Answer: AUD 18 tax; AUD 243 total