Practice worksheet | Percentages and financial mathematics

Finding an original amount

Name: _____ Date: _____

6 questions | 14 marks

1. A price is 64 AUD after a 20% discount. Find the original price. [2 marks]

2. An amount becomes 117 after a 30% increase. Find its original value. [2 marks]

3. A ticket costs 42 AUD after a 30% reduction. Find its original price. [2 marks]

4. A town population becomes 168 after a 40% increase. Find the original population. [2 marks]

5. A student says a sale price of 96 AUD after 20% off means the original was $96 - 19.20 = 76.80$ AUD. Explain the error and find the correct original price. [3 marks]

6. A jacket is discounted by 25%, then its reduced price is discounted by a further 10%. It finally costs 81 AUD. Find the original price. [3 marks]