1.11 Percentages of Amounts and Percentage Change: 10-minute Pack

Calculators not allowed · about 10 minutes

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 A small town had a population of 12,000 last year. This year the population is 13,500.

(a) Work out the increase in population. **(2)**

.....

(b) Calculate the percentage increase in population, giving your answer correct to 1 decimal place. **(4)**

.....

2 A jacket costs £120. In a sale there is 20% off. Work out the sale price.

(2)

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Mark scheme · 1.11 Percentages of Amounts and Percentage Change: 10-minute Pack

Question 1

(a) subtract original from new population 13,500 - 12,000	**M1**
(a) 1,500 cao	**A1**

(a) Answer: **1,500**

(b) method to divide the increase by the original population, 1,500 / 12,000	**M1**
(b) method to convert to percentage by multiplying by 100 or equivalent	**M1**
(b) 0.125 or 1/8 seen or equivalent	**A1**
(b) 12.5% cao	**A1**

(b) Answer: **12.5%**

Question 2

20% of 120 = 24 found or multiplier 0.8	**M1**
£96 cao	**A1**

Answer: **£96**

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