

# Life Skills – Renting a Property

## Maths Level 1 – ANSWERS

1. Estimate number of weeks = **c) 8 weeks**
2. £600 per month x 6 months = **£3600**
3. £95.50 x 10 = **£955**
4. £955 - £250 = **£705**
5. Here are some possible consequences of not paying Council Tax:
  - Bailiffs could be involved
  - You could be asked to pay the full amount for the year in one payment instead of monthly
  - You could be taken to court
  - Payments could be taken straight from your wages or benefits
  - You could be made bankrupt
  - You could be sent to prison
6. Rent of £600 x 12 months = £7200  
Mortgage £570 x 12 months = £6840  
Difference between mortgage and rent 7200 – 6840 = 360  
Mortgage is **£360** less.
7. Deposit = **£18750** (0.15 x £125,000)

8. Estimate =  $600/2400$  so  $600 \div 2400 = 0.25$ .  $0.25 \times 100 = 25\%$

9. Three years of payments =  $\pounds 605.25 \times 36$  OR  $605.25 \times 3 \times 12 = \pounds 21,789$

10. Difference between 072319 and 073429 =  $073429 - 072319 = 1110$  **units**

11. a)  $\pounds 2325.75 \times 0.95 = \pounds 2209.46$

OR  $2325.75 \times 5 = 11628.75$  then divide by 100 = 116.29

$2325.75 - 116.29 = \pounds 2209.46$

11. b) Price reduction =  $\pounds 2325.75 - \pounds 2080 = \pounds 245.75$

12. The invoice =  $\pounds 25 \times 6 = \pounds 150$

$150 + \pounds 57.50 = \pounds 207.50$

13. a)  $6 \div 24 = 0.25 \times 100 = 25\%$

13. b)  $6 \div 24 = 0.25$

13. c)  $\frac{6}{24} \rightarrow \frac{1}{4}$

14. The new invoice with the charge  $\pounds 207.50 + \pounds 25.50 = \pounds 233.00$

15. Profit on the house is bought for  $\pounds 125,000$  (from Q7) and sold for  $\pounds 191,000$ .

$191000 - 125000 = \pounds 66,000$

16. a) As a fraction. First, find the total  $30 + 12 + 18 = 60 \rightarrow \frac{12}{60} \rightarrow \frac{1}{5}$

16. b) 45 plus is 18 and under 25s is 30. The ratio is  $18 : 30 \rightarrow 3 : 5$

17. Bar chart should contain:

- x and y axis with appropriate labels such as Age and Frequency
- A title for the bar graph such as Ages of Street Residents
- An appropriate scale going up evenly such as 0, 5, 10, 15, 20, 25, 30
- Bars drawn at 30, 12 and 18

18. Simple interest is  $5000 \times 0.05 = \text{£}250$  for 3 years so  $3 \times 250 = \text{£}750$

OR  $0.05 \times 3 = 750$

$5000 + 750 = \text{£}5750$

19. Area of a garden =  $920 \times 510 = \text{469200cm}^2$

OR could express in metres  $9.2 \times 5.1 = \text{46.92m}^2$

20. Perimeter of the garden =  $920 + 510 + 920 + 510 = \text{2860cm}$

OR could express in metres  $9.2 + 5.1 + 9.2 + 5.1 = \text{28.6m}$