Band 2 – Test 3 Answers

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| 1. |  | 1 mark lost for each incorrect place | 2 |
| 2. | £32 384 ml | 1 mark for 1/7 = £8 seen  1 mark for 10% or 1% seen  1 mark for each correct answer | 4 |
| 3. | |  |  |  | | --- | --- | --- | | **Fraction** | **Decimal** | **Percentage** | |  | 0.125 | 12.5% | |  | 0.7 | 70% | |  | 0.9 | 90% | | 1 mark for each correct answer | 3 |
| 4. | 600 g of spaghetti  180 g of bacon  3 tablespoons of oil  6 eggs  75 g of cheese | 1 mark for 4 : 6 or x 1.5 seen  1 mark for 2 quantities correct  1 mark for all quantities correct | 3 |
| 5. | Jim’s Store is best value  Food Mart 🡪 1 yoghurt = 36p  Jim’s Store 🡪 1 yoghurt = 35p | 1 mark for each piece of working  1 mark for correct conclusion | 3 |
| 6. | 3 × 3 – 5 = 4  20 ÷ (12 – 2) = 2  7 + 8 ÷ 4 = 9 | 1 mark for each correct answer | 3 |
| 7. | 11.5 | Correct answer | 1 |
| 8. | \_\_120\_\_\_ \_\_\_150\_\_\_  1 and 120 1 and 150  2 and 60 2 and 75  3 and 40 3 and 50  4 and 30 5 and 30  5 and 24 6 and 25  6 and 20 10 and 15  8 and 15  10 and 12  HCF = 30 | 1 mark for each list of factors  1 mark for 30 | 3 |
| 9. |  | Correct answer | 1 |
| 10. | 6n - 4 | 1 mark for 6n  1 mark for -4 | 2 |
| 11. | 9x + y | 1 mark for x simplified correctly  1 mark for y simplified correctly | 2 |
| 12. | 8 – 14 = -6 | 1 mark for 1 correct substitution  1 mark for correct answer | 2 |
| 13. | 3a – 4 = 17  3a = 21  a = 7 | 1 mark for 3a = 21  1 mark for correct answer | 2 |
| 14. | 287º | 1 mark for 42 + 65 or 107 or 73  1 mark for correct answer | 2 |
| 15. | Correct sketch | 1 mark for each length/angle given | 3 |
| 16. |  | 2 marks for correct net | 2 |

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| 17. |  | Correct answer | 2 |
| 18. | ½ x (2 + 6) x 3 = 12 cm² | 1 mark for correct working  1 mark for correct answer | 2 |
| 19. | 9 x 1000 = 9000 mm³ | 1 mark for 1000 seen  1 mark for correct answer | 2 |
| 20. |  | 1 mark for each correct answer | 2 |

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| 21. | Mode = 0 Mean = 2.8 | 1 mark for correct answer for mode  1 mark for 28 ÷ 10 = 2.8  1 mark for correct answer for mean | 3 |
| 22. | 1 – (0.35 + 0.24 + 0.19) = 1 – 0.78 = 0.22 | 1 mark for 0.78 seen  1 mark for correct answer | 2 |
| 23. | |  |  |  |  | | --- | --- | --- | --- | | **Basketball** | **Swimming** | **Football** | **Total** | | **Female** | 10 | 12 | 15 | 37 | | **Male** | 9 | 17 | 7 | 33 | | **Total** | 19 | 29 | 22 | 70 | | 2 marks for all correct  1 mark lost for each incorrect | 2 |