Band 2 – Test 2 Answers

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| --- | --- | --- | --- |
| 1. |  | 1 mark lost for each incorrect place | 2 |
| 2. | 49 ml £365 | 1 mark for 1/10 = 7ml seen  1 mark for 10% or 1% seen  1 mark for each correct answer | 4 |
| 3. | |  |  |  | | --- | --- | --- | | **Fraction** | **Decimal** | **Percentage** | |  | 0.2 | 20% | |  | 0.3 | 30% | |  | 0.65 | 65% | | 1 mark for each correct answer | 3 |
| 4. | 150 g of flour  90 g of sugar  75 g of margarine  60 g of chocolate chips  3 eggs | 1 mark for 10 : 15 or x 1.5 seen  1 mark for 2 quantities correct  1 mark for all quantities correct | 3 |
| 5. | Pak of 9 is best value  Pack of 9 🡪 1 roll = 47p  Pack of 4 🡪 1 roll = 49p | 1 mark for each piece of working  1 mark for correct conclusion | 3 |
| 6. | BIDMAS 🡪 20 – (5 x 3) = 20 – 15 = 5  Pat is correct  21 ÷ 3 = 7 | 1 mark for correct working  1 mark for correct conclusion  1 mark for correct answer | 3 |
| 7. | 3.3 | Correct answer | 1 |
| 8. | 12 24 36 48 60…  16 32 48 64…  LCM = 48 | 1 mark for each list of factors  1 mark for 24 | 3 |
| 9. |  | Correct answer | 1 |
| 10. | 4n - 1 | 1 mark for 4n  1 mark for -1 | 2 |
| 11. | 5x + 6y | 1 mark for x simplified correctly  1 mark for y simplified correctly | 2 |
| 12. | 20 – 2 = 18 | 1 mark for 1 correct substitution  1 mark for correct answer | 2 |
| 13. | 5f + 12 = 42  5f = 30  f = 6 | 1 mark for 5f = 30  1 mark for correct answer | 2 |
| 14. | 60º  All angles are equal so equilateral | 1 mark for 60º  1 mark for correct answer | 2 |
| 15. | Correct sketch | 1 mark for each length/angle given | 3 |
| 16. |  | 2 marks for correct net | 2 |
| 17. |  | Correct answer | 2 |
| 18. | ½ x 12 x 5 = 30 cm² | 1 mark for correct working  1 mark for correct answer | 2 |
| 19. | 7 x 1 000 000 = 7 000 000 cm³ | 1 mark for 1 000 000 seen  1 mark for correct answer | 2 |
| 20. | Incorrect scale on y axis between 0 and 2  Missing label on third bar | 1 mark for each correct answer | 2 |
| 21. | Range = 4 Median = 3.5 | 1 mark for correct answer for range  1 mark for correct order of numbers  1 mark for correct answer for median | 3 |
| 22. | 1 – (0.2 + 0.3 + 0.1) = 1 – 0.6 = 0.4 | 1 mark for 0.6 seen  1 mark for correct answer | 2 |
| 23. | |  |  |  | | --- | --- | --- | | **Boys** | **Girls** | **Total** | | **Watched tennis** | 7 | 17 | 24 | | **Did not watch tennis** | 13 | 19 | 32 | | **Total** | 20 | 36 | 56 | | 2 marks for all correct  1 mark lost for each incorrect | 2 |