Baseline Answers

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| 1. | - 9 - 12 | 1 mark for each correct answer | 2 |
| 2. | 32 x 17    32 x 17 = 544  3.2 x 1.7 = 5.44 | 1 mark for multiplying correct integers  1 mark for correct multiplication  1 mark for correct location of dp | 3 |
| 3. | 5 thousand | Correct answer | 1 |
| 4. | A factor of 12 = 4  A multiple of 3 = 9  A prime number = 7 or 11 | 1 mark for each correct answer | 3 |
| 5. | 42 = 16 √81 = 9 | 1 mark for each correct answer | 2 |
| 6. | 2 × 3 + 4 = 10  10 – 2 × 5 = 0  16 ÷ (2 × 4) = 2 | 1 mark for each correct answer | 3 |
| 7. | 4.6 | Correct answer | 1 |
| 8. | \_\_12\_\_\_ \_\_\_18\_\_\_  1 and 12 1 and 18  2 and 6 2 and 9  3 and 4 3 and 6  HCF = 6 | 1 mark for each list of factors  1 mark for 6 | 3 |
| 9. | 2.57 x 34 = 87.38 873.8 ÷ 2.57 = 340 | 1 mark for each correct answer | 2 |
| 10. |  | 1 mark for each correct answer | 2 |
| 11. | 0.08 0.208 0.28 0.802 0.82 | 1 mark lost for each incorrect answer | 2 |
| 12. | 2 : 5 | Correct answer | 1 |
| 13. |  | 1 mark lost for each incorrect place | 2 |
| 14. | £28 11.2g | 1 mark for 1/10 = 8g seen  1 mark for 10% or 1% seen  1 mark for each correct answer | 4 |
| 15. | |  |  |  | | --- | --- | --- | | **Fraction** | **Decimal** | **Percentage** | |  | 0.4 | 40% | |  | 0.5 | 50% | |  | 0.65 | 65% | | 1 mark for each correct answer | 3 |

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| 16. | + = + =  1 x 2 = x = = 3 = 3 | 1 mark for a correct common denominator  1 mark for correct answer  1 mark for correct improper fractions  1 mark for a correct multiplication of fractions  1 mark for correct answer | 5 |
| 17. | 10% = £12.00  10% = £12.00  10% = £12.00  10% = £12.00  \_5% = £ 6.00  45% = £54.00  £120 - £54 = £66 | 1 mark for calculating 45%  1 mark for subtracting 45% from £120  1 mark for correct answer | 3 |
| 18. | |  |  |  |  |  | | --- | --- | --- | --- | --- | | 26% |  | 0.3 |  |  | | 0.26 | 0.25 | 0.3 | 0.33 | 0.4 | |  |  |  |  |  | |  | 26% | 0.3 |  |  | | 1 mark for 3 correct equivalent FDPs  1 mark for correct order | 2 |
| 19. | 1 + 3 = 4 parts in total  60 ÷ 15 litres  15 x 3 = 45 litres | 1 mark for calculating total number of parts  1 mark for calculating value of 1 part  1 mark for correct answer | 3 |