**Year 6 Maths Mentals Answers**

**Term 4 Week** **3**

| **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
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| 1. 1.5 + 1.6 + 1.4 + 1.5 = 6 2. $2.55 + $2.45 = $5 3. $75 - $5.50 = $69.50 4. $20 - $2.50 = $17.50 5. 1280 + 70 = 1350 6. $6.40 + 80c = $7.20 7. $2.50 + 65c = $3.15 8. $7.98 + 5c = $8.03 9. 704 - 74 = 630 10. $5.10 - $2.60 = $2.50 11. 606 - 56 = 550 12. Write the missing decimal fraction in this expanded notation. 5.432 = 5 + 0.4 + 0.03 + 0.002 13. What is the next number in this pattern? 5.49, 5.43, 5.37, 5.31, 5.25, **5.19** 14. What is the repeated gap in the pattern above? -0.06 15. What percentage is equivalent to ¼? 25% 16. What is 25% of 2000? 500 17. Write twenty-five million as a numeral. 25 000 000 18. How many zeros are used to write ten million as a numeral? 7 | 1. 6 - 0.65 = 5.35 2. 1.8 + 2.2 + 3.0 = 7 3. 25 x 24 = 600 4. $3.95 x 5 = $19.75 5. 955 + 6 = 961 6. 4.32 + 0.09 = 4.41 7. 0.29 + 0.06 = 0.35 8. $8.80 + 70c = $9.50 9. 50% of 7 = 3.5 10. 25% of 32 = 8 11. 10% of 5 = 0.5 12. 1008km - 58km = 950km 13. $10.09 - $2.59 = $7.50 14. $2.05 - $0.55 = $1.50 15. What number does this expanded notation represent? 8 + 0.1 + 0.09 + 0.006 = 8.196 16. How much is 25% of $100? $25 17. What is the next number in the pattern? 3.0, 2.75, 2.50, 2.25, 2.00, 1.75 18. What is the repeated gap in the pattern above? -0.25 | 1. 4.27 + 0.04 = 4.31 2. 230 + 77 = 307 3. 6.02 - 0.52 = 5.5 4. 38.01s - 1.51s = 36.5s 5. 22 x 12 = 264 6. 2.2 x 4 = 8.8 7. 91 ÷ 7 = 13 8. 102 ÷ 3 = 34 9. What number does this expanded notation represent? 1 + 0.2 + 0.01 + 0.002 = 1.212 10. Write 7.175 using the decimal form of expanded notation.   7 + 0.1 + 0.07 + 0.005   1. What is 25% of 400? 100 2. How much is 25% of $120? $30 3. What is the next number in this pattern? 27.02, 27.07, 27.12, 27.17, 27.22, 27.27 4. What is the repeated gap in the pattern above? + 0.05 5. Write nine hundred million as a numeral. 900 000 000 6. Write one thousand decimal one as a numeral. 1000.1 7. What is 25% of 400? 100 8. Jim caught the bus. He got on the bus at 4pm and was on the bus for 2.5 hours. What time did he arrive at his destination? 6:30pm | 1. 1.5 x 18 = 27 2. 2.5 x 120 = 300 3. 3.5 x 22 - 77 4. 16 x 4.5 = 72 5. 14 x 2.5 = 35 6. 1.5 x 12 = 18 7. 96 ÷ 4 = 24 8. 78 ÷ 6 = 13 9. 45 ÷ 3 = 15 10. 84 ÷ 6 = 14 11. $18.60 ÷3 = $6.20 12. What number does this expanded notation represent? 0.007 + 0.2 + 5 + 0.09 = 5.297 13. Write 9.009 using the decimal form of expanded notation. 9 + 0.009 14. What is 25% of 48 hours? 12 hours 15. Write five hundred million as a numeral. 500 000 000 16. Write three thousand decimal three as a numeral. 3000.3 17. How much is 25% of $10 000? $2500 18. If the area of a square is 25 square cm. What is the length of each side? 5cm | 1. 6.19 + 4.01 + 2.99 = 13.19 2. 1345 + 3827 = 5172 3. 287 - 133 = 154 4. 18 x 4.5 = 81 5. 22 x 2.5 = 55 6. 3.5 x 160 = 560 7. 45c x 12 = $5.40 8. $12.20 ÷ 4 = $3.05 9. $10.80 ÷ 9 = $1.20 10. 105 ÷ 7 = 15 11. Write two million, two hundred and twenty two as a numeral. 2 000 222 12. Write four thousand and four thousandths as a numeral. 4000.004 13. What is 25% of $60? $15 14. How much is 25% of $10 000? $2500 15. What number does this expanded notation represent? 0.004 + 5 + 0.6 = 5.604 16. Write 0.303 using the decimal form of expanded notation. 0.3 + 0.003 17. What is the next number in this pattern? 15.6, 15.45, 15.3, 15.15, 15, 14.85 18. What is the repeated gap in the previous pattern? -0.15 |