**October Assessment 2013**

**NUMBER**

**Level 3 – 5**

Name:…………………………………………….. Date:……………………..………………….

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| 1 | Work out 42 x 10 = | L3 |
| 2 | Work out 630 ÷ 10 = | L3 |
| 3 | Round 38 to the nearest 10  Round 246 to the nearest 100  Round 3562 to the nearest 1000  Round 246 to the nearest 10  Round 3562 to the nearest 100 | L3 |
| 4 | Fill in the missing numbers:  -6 -4 -3 -1 | L3 |
| 5 | Molly says  ‘I multiplied a number by 4 and got 24’  Write the number Molly started with. | L3 |
| 6 | Fill in the blanks.  100 − 45 = …….  100 - ……. = 28  44 + ……. =  100 - …… = 67 | L3 |

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| 7 | Calculate 139 + 122 | L3 |
| 8 | Calculate 836 – 176 | L3 |
| 9 | Calculate 46 x 5 | L3 |
| 10 | Calculate 88 ÷ 4 | L3 |
| 11 | A sequence of numbers is shown.  8 14 20 26 ……. …….  Write down the next two numbers in the sequence. | L4 |
| 12 | A different sequence begins  9 15 21 27 33 39  Write down a rule for this sequence.  ……………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………… | L4 |
| 13 | From the list of numbers  1 2 5 8 9 24 30 32  **a** write down the multiples of 8  **b** write down the factors of 45  **c** the square number  **d** the cube number | L4 |

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| 14 | Complete the prime factor tree.  770  385  2    111 | L4 |
| 15 | Fill in the blanks  37 x …….. = 3700  4300 ÷ ……… = 43 | L4 |
| 16 | Put these numbers in order of size.  Start with the **smallest** number.  0.302 0.320 0.032 0.203 0.023 | L4 |

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| 17 | Some triangles and stars are drawn below.  Write down the ratio of triangles to stars.  Write down the ratio of stars to triangles. | L4 |
| 18 | Work out 6000 – 3875 | L4 |
| 19 | Work out 541.8 – 20.2 | L4 |
| 20 | Work out 684.75 + 56.4 | L4 |
| 21 | Work out 42 x 6 | L4 |
| 22 | Work out 92 ÷ 4 | L4 |
| 23 | Work out 5.2 x 6 | L4 |

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| 24 | Packets of biscuits cost £1.25 each.  Megan buys six packets of biscuits.  **a** How much does Megan pay?  **b** She pays with a £10 note.  How much change should Megan receive? | L4 |
| 25 | Find the **Lowest common multiple** of **4 and 14** | L5 |
| 26 | Find the **Highest common factor** of 18 and 30 | L5 |
| 27 | Look at the number below.  5.327  What does the digit 7 represent? | L5 |
| 28 | Fill in the blanks.  0.3 x ….… = 300  ………÷ 100 = 0.03 | L5 |
| 29 | Fill in the boxes.  The first one is done for you.  2.7  2.67 rounded to **one** decimal place is  2.75 rounded to **one** decimal place is  2.05 rounded to **one** decimal place is  2.91 rounded to **one** decimal place is | L5 |

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| 30 | Write these temperatures in order.  C:\Users\Japleen\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\1UCIPI0V\MC900027456[1].wmf  Start with the coldest.  −4ºC 3ºC −7ºC 0ºC −2ºC | L5 |
| 31 | Write the ratio **20:12** in its **simplest form**. | L5 |
| 32 | Work out  3 + (-10) = 11 + (-8) =  (-9) – (-9) = (-7) – 9 = | L5 |
| 33 | Work out  2 x (-4) = 20 ÷ (-5) =  (-6) x (-3)= ( -72) ÷ (-8) = | L5 |
| 34 | Look at this calculation  32 x 386 = 12352  Use this information to find answer to  3.2 x 386 = | L5 |
| 35 | Work out 8.2 x 2.5 | L5 |
| 36 | Work out 2 + 5 x 3 | L5 |
| 37 | Work out 348 x 27 | L5 |
| 38 | Work out 657 ÷ 3 | L5 |

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| 39 | Work out 2934 ÷ 5 (if your answer is a decimal round to 2 d.p.) | L5 |
| 40 | Estimate 19 x 43 | L5 |
| 41 | A group of **28** people are going on a trip to a zoo.  The ratio of males to females is **3:4**  How many males are going on the trip? | L5 |

**End of test**