

# Y5 – Autumn – Block 1 – Step 8 – Partition numbers to 1,000,000 Answers

| Question | Answer                                                                                                                                                                                                                                                                                                                                                                                                                                 |
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| 1        | $231,465 = 200,000 + 30,000 + 1,000 + 400 + 60 + 5$                                                                                                                                                                                                                                                                                                                                                                                    |
| 2        | $300,000 + 50,000 + 200 + 10 + 2 = 350,212$                                                                                                                                                                                                                                                                                                                                                                                            |
| 3        | a) 100,000, 800, 70, 3 in any order<br>b) 700,000, 40,000, 4 in any order                                                                                                                                                                                                                                                                                                                                                              |
| 4        | a) $32,607 = 30,000 + 2,000 + 600 + 7$<br>b) $2,915 = 2,000 + 900 + 10 + 5$<br>c) $30,316 = 30,000 + 300 + 10 + 6$<br>d) $438,390 = 400,000 + 30,000 + 8,000 + 300 + 90$<br>e) $769,688 = 700,000 + 60,000 + 9,000 + 600 + 80 + 8$                                                                                                                                                                                                     |
| 5        | a) $35,462 = 20,000 + 15,000 + 400 + 60 + 2$<br>b) $35,462 = 30,000 + 4,000 + 1,400 + 60 + 2$                                                                                                                                                                                                                                                                                                                                          |
| 6        | a) 170,000<br>b) 60,000<br>c) 560,000<br>d) 160,000                                                                                                                                                                                                                                                                                                                                                                                    |
| 7        | a) $125,684 = 100,000 + 20,000 + 4,000 + 1,600 + 84$<br>b) multiple possible answers, e.g.<br>$125,684 = 115,000 + 10,000 + 600 + 84$<br>c) multiple possible answers, e.g.<br>$597,203 = 203 + 400,000 + 190,000 + 7,000$<br>d) multiple possible answers, e.g.<br>$597,203 = 500,000 + 10,000 + 77,000 + 200 + 10,003$<br>Part a) can only be completed in one way, but parts b), c) and d) can be completed in many different ways. |
| 8        | multiple possible answers, e.g.<br>$349,251 = 300,000 + 40,000 + 9,000 + 200 + 50 + 1$<br>$349,251 = 200,000 + 120,000 + 29,000 + 201 + 50$<br>$349,251 = 100,000 + 209,000 + 40,200 + 51$                                                                                                                                                                                                                                             |
| 9        | a) 56,380<br>b) multiple possible answers, e.g.<br>$56,380 = 50,000 + 6,000 + 300 + 80$<br>$56,380 = 10,000 + 46,000 + 100 + 280$<br>$56,380 = 50,080 + 5,000 + 1,300$                                                                                                                                                                                                                                                                 |

| Question | Answer                                                                                                                                                                |
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| 10       | <div><div>200,000 + 120,000</div><div>320 tens</div><div>1,000 less than 303,000</div><div>32 hundreds</div><div>32 thousands</div><div>100,000 + 220,000</div></div> |
|          | <div><div>3,200</div><div>230,000</div><div>302,000</div><div>320,000</div><div>32,000</div></div>                                                                    |
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