**Reasoning and Problem Solving – Multiply by 7**

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| 1.Which is the odd one out? Prove it.  **Macintosh HD:private:var:folders:5k:54k53_tn2wl58mfv0m4nnflm0000gn:T:TemporaryItems:Screenshot 2020-07-12 at 19.59.07.png** | 2. Which is the odd one out? Prove it.  Macintosh HD:private:var:folders:5k:54k53_tn2wl58mfv0m4nnflm0000gn:T:TemporaryItems:Screenshot 2020-07-12 at 19.59.22.png |
| 3. Travel through the maze using only multiples of 7.  Macintosh HD:private:var:folders:5k:54k53_tn2wl58mfv0m4nnflm0000gn:T:TemporaryItems:Screenshot 2020-07-12 at 19.59.52.png | 4. Travel through the maze using only multiples of 7.  Macintosh HD:private:var:folders:5k:54k53_tn2wl58mfv0m4nnflm0000gn:T:TemporaryItems:Screenshot 2020-07-12 at 20.00.37.png |
| 5. Write a word problem for each of the following calculations.  Macintosh HD:private:var:folders:5k:54k53_tn2wl58mfv0m4nnflm0000gn:T:TemporaryItems:Screenshot 2020-07-12 at 20.01.04.png | 6. Write a word problem for each of the following calculations.  Macintosh HD:private:var:folders:5k:54k53_tn2wl58mfv0m4nnflm0000gn:T:TemporaryItems:Screenshot 2020-07-12 at 20.01.36.png |

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| 7. Match the statements to the correct totals. |
| 8. Lucy visits the pet shop to buy some fish for her new tropical tank. She says,  Macintosh HD:private:var:folders:5k:54k53_tn2wl58mfv0m4nnflm0000gn:T:TemporaryItems:Screenshot 2020-07-12 at 20.04.52.png |

**Answers**

**1. 3 x 7 = 28 is the odd one out because it is incorrect. 28 is the fourth multiple of 7.**

**2. 63 ÷ 9 = 7 is the odd one out because the other two division calculations can be paired with a multiplication, e.g. 49 ÷ 7 = 7 and 7 x 7 = 49**

**3. 28, 14, 21, 49, 35, 7, 42, 77**

**4. 7, 14, 35, 49, 70, 84, 21, 56**

**5. Various answers, for example: Jeremy has 42 flowers that must be sold in bunches of 7. How many bunches does he have to sell? 42 ÷ 7 = 6. Kyla buys 7 packs of stickers. Each pack has 12 stickers in it. How many stickers does she buy in total? 12 x 7 = 84.**

**6. Various answers, for example: 7 footballers have a total of 77 shots on goal. How many shots do they have each? 77 ÷ 7 = 11. I bought 7 packs of sweets. Each pack has 9 sweets in it. How many sweets do I have in total? 9 x 7 = 63.**

7. **A. 28; B. 56; C. 42**

8. **No, she is not correct. 7 x 7 = 49.**