**P7 Maths and Numeracy Home Learning - Week Beginning 1st June 2020**

Please do the best you can and complete daily tasks in your home learning jotter. Remember you can ask questions on the blog if there is anything that you are unsure of.

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|  | **Mental Warm Up** | **Daily 10** | **Problem Solving Challenges** |
| **Monday 1st June 2020** | Partition these numbers:  e.g 4,568,921 – 4,000,000 + 500,000 + 60,000 + 8000 + 900 + 20 + 1   1. 754,353 2. 438,872 3. 582,484 4. 2, 021,358 5. 8,205,946 6. 9,121,686 7. 21,483,048 8. 17,380,134 9. 43,579,560 10. 68,321,123 | **Fractions of Amounts**  Remember to divide by the number at the bottom and multiply by the number at the top of the fraction. You may need to do formal calculations for some of the larger numbers. <https://www.youtube.com/watch?v=-FCj7ED8xxw>   1. 2/8 of 72 2. 4/5 of 60 3. 3/7 of 63 4. 3/4 of 252 5. 2/3 of 189 6. 4/6 of 438 7. 5/9 of 3078 8. 6/7 of 5523 9. 5/6 of 7956 10. 7/8 of 26,096 | Use these digits to make the biggest and the smallest number you can. Remember to think about decimal numbers.  8 4 2 5 1 |
| **Tuesday 2nd June 2020** | Count in 10s for the next 5 numbers:   1. 484 2. 958 3. 2365 4. 8036 5. 62,097 6. 35,779 7. 563,487 8. 489,448 9. 7,231,593 10. 8,987,462 | 1. 4697 + 300 2. 500 + 8586 3. 8000 + 46,493 4. 52,549 + 6000 5. 20,000 + 76,789 6. 5545 – 400 7. 9432 – 500 8. 83,034 - 200 9. 44,958 – 3000 10. 91,045 - 6000 | **Maisie the Mouse!**  Maisie had between 30 and 50 breadcrumbs.  She counted the breadcrumbs in fours, there were 2 left over. She counted them in fives, There was 1 left over.  How many breadcrumbs did Maisie have? |
| **Wednesday 3rd June 2020** | **Take time to practise your times tables before answering the following quickfire questions:**   1. 9 x \_\_\_\_ = 54 2. \_\_\_ x 5 = 60 3. \_\_\_\_\_ x 7 = 35 4. 8 x \_\_\_ = 64 5. 9 x \_\_\_ = 63 6. \_\_\_\_\_ x 12 = 72 7. 8 x \_\_\_\_ = 32 8. \_\_\_\_ x 6 = 18 9. 4 x \_\_\_ = 44 10. \_\_\_ x 11 = 66 | **Multiplying by 10, 100 and 1000**  Remember, you move the digits 1 place to the left when multiplying by 10, 2 places left when multiplying by 100 and 3 places left when multiplying by 1000. You may also need to add 0 as a placeholder for some answers.   1. 45 x 10 2. 10 x 78 3. 67.3 x 10 4. 10 x 120.4 5. 63 x 100 6. 100 x 793 7. 621.32 x 100 8. 789 x 1000 9. 3217 x 1000 10. 1000 x 204.58 | How many times can you make 1000 **in five minutes** using the numbers below. You can use the same numbers as many times as you like:  30 40 50 60  70 80 90 100  110 150 200 300  400 500 |
| **Thursday 4th June 2020** | **If you can, play Hit the Button division games before answering the quickfire questions:**   1. 72 ÷ \_\_\_ = 9 2. 49 ÷ 7 = ­­­­­­­­\_\_\_ 3. \_\_\_\_ ÷ 8 = 7 4. 63 ÷ \_\_\_ = 7 5. \_\_\_ ÷ 4 = 9 6. \_\_\_\_ ÷ 3 = 11 7. 45 ÷ \_\_\_ = 5 8. 21 ÷ 7 = ­­­­\_\_\_\_ 9. 64 ÷ \_\_\_\_ = 8 10. \_\_­\_ ÷ 12 = 9 | **Dividing by 10, 100 and 1000**  Remember, you move the digits 1 place to the right when dividing by 10, 2 places right when dividing by 100 and 3 places right when dividing by 1000. You may also need to add 0 as a placeholder for some answers.     1. 453 ÷ 10 2. 622.9 ÷ 10 3. 35 ÷ 10 4. 5983 ÷ 100 5. 42.43 ÷ 100 6. 95 ÷ 100 7. 2219 ÷ 1000 8. 359.8 ÷ 1000 9. 45,284 ÷ 1000 10. 878 ÷ 1000 | **Stamps**  Rosie spent £2 on 10p and 20p stamps.  She bought three times as many 10p stamps as 20p stamps.  How many of each stamp did she buy? |
| **Friday 5th June 2020** | **Number of the Day:**  **3,679,882**   1. Read the number out loud. 2. Write the number in words. 3. What does the digit 3 represent in this number? 4. Partition it. 5. Round to the nearest 10. 6. Round to the nearest 100. 7. Round to the nearest 1000. 8. Round to the nearest 10,000 9. Add 947 10. Subtract 451 | 1. 40 x 80 2. 70 x 70 3. 50 x 400 4. 300 x 90 5. 600 x 400 6. 800 x 700 7. 300 x 2000 8. 400 x 9000 9. 8000 x 8000 10. 5000 x 6000 | **Sail Away!**  Two men and two women want to sail to an island.    The boat will only hold two women **or** one man.    How can all four of them get to the island? |