Week beginning 26/5/20

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| Task 1: Think of three different whole numbers. The sum of the number is 20. The difference between the largest and smallest number is 10. How many different solutions can you find?  11  1    Top Tip: Use a system. e.g. start with 1 and 11. What would your middle number be? Working systematically, what would your next two start numbers be? How many different solutions can you find?  Change the numbers to make more calculations. | What is the value of each shape?    =13  = 11 | Try something more difficult.    = 48  = 51 | Task 1: Adding Multiple Decimals Directions: Using the digits 1 to 9 at most one time each, fill in the boxes to make three decimals whose sum is as close to 1 as possible.   |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   0.  0.  +0. |
| = 16  = 10 | = 42    = 42 |
| = 23  = 20 | Now make up some calculations to challenge others. |
| How many times can you make 1000 in five minutes using these numbers.  30 40 50 60 70 90 100  110 150 200 300 500 | 2568 9673 7959 9304 6782  +7356 +1840 +4822 +2400 +3567  6366 2592 6483 8236 5190  +4261 +5832 +5972 +3691 +9476 | | Write down all the stations of the times tables.  Go over all the tables you hesitated on. |
| (7 x 1) + ( ) = 42 (7 x 4) + ( ) = 75  (7 x 7) + ( ) = 61 (7 x 6) + ( ) = 50  (7 x 3) + ( ) = 89 (7 x 8) + ( ) = 78  (7 x 5) + ( ) = 72 (7 x 9) + ( ) = 82  (7 x 2) + ( ) = 65 | 2900 2781 4105 8881  -1632 -1560 -2024 -1560  5230 2000 6004 5007  - 4017 - 1115 -3291 2771 | | Use these number to make the biggest and the smallest numbers you can. Remember to think about decimal numbers.  6 2 5 9 3 |