

September Maths Masters

| Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday |
|---|--|---|---|---|--|--|
| Welcome back!! | 1 Which fraction is smaller: $\frac{1}{3}$ or $\frac{9}{12}$? How do you know? | 2 If $2p = 150$ what is the value of p ? What is the value of $10p$? | 3 Partition 654 in 3 different ways. | 4 What is 543,847 rounded to the nearest 1000? | 5 Which number is larger: 1387 or 1378? Describe how you know. | 6 What is 8×30 ? What other calculations give you the same answer? |
| 7 What's missing in this sequence: 10, 7, 4, 1, _____. How do you know? | 8 What is the product of 1, 50 and 0? What does product mean? | 9 What are the properties of a cube? Can you draw one? | 10 What is 2021 in Roman Numerals? | 11 What is the total of 3649, 485 and 974? | 12 Calculate 5×18 . Can you work it out 2 different ways? | 13 What is 3.4×10 ? How did you find the answer? |
| 14 What is the difference between 10589 and 3489 | 15 Is 6.3kg the same as 6300g? How do you know? | 16 Put these numbers in ascending order: 3498, 8934, 4398, 4983. | 17 What is the value of each of the digits in 19.587? | 18 What time is 16:40 in words? Can you draw it on a clock face? | 19 Find the total of 648, 639 and 403? Estimate the answer then calculate it. | 20 List all the prime numbers less than 50. |
| 21 Two thirds of a number is 66, what was the number? How did you work it out? | 22 Jake says, "A cube is the only shape with 6 faces." Do you agree? Why? | 23 How many ml in 3.1 litres? | 24 How many fifths are the same as 2? How did you work it out? | 25 Can you draw a regular and an irregular hexagon? | 26 What is $(4 \times 12) - (4 \times 10)$? | 27 What is 16×12 ? Can you work it out 2 different ways? |
| 28 If you have 4 coins, what different totals can you have? | 29 If $y = 0.5$, what is the value of z in ' $11y = z$ '? | 30 TRICKY QUESTION: How many days since the beginning of the year? | <p>Have a go at each of the questions for every day in September. Can you draw your working out? Can you show it using a written method? Can you talk to someone about how you worked out your answers?</p> | | | |