

1. This question has 5 number cards: 1 4 5 7 9

Use all five number cards to complete the following calculation.

$$\begin{array}{|c|} \hline \square \\ \hline \square \\ \hline \end{array} - \begin{array}{|c|} \hline \square \\ \hline \square \\ \hline \end{array} = 654$$

2. This question has 5 number cards: 1 4 5 7 9

Use only 3 of the number cards to complete the following calculations

$$\begin{array}{|c|} \hline \square \\ \hline \end{array} + \begin{array}{|c|} \hline \square \\ \hline \end{array} \times \begin{array}{|c|} \hline \square \\ \hline \end{array} = 33$$

3. This question has 5 number cards: 7 6 2 4 8

Arrange any 3 of the number cards to give the largest possible answer to this multiplication

$$\begin{array}{|c|} \hline \square \\ \hline \end{array} \times \begin{array}{|c|} \hline \square \\ \hline \end{array} = \begin{array}{|c|} \hline \square \\ \hline \end{array}$$

4. Write down the number three hundred and fifty eight thousand nine hundred and three in figures (eg., 654,464)

- ☐ 358,903
- ☐ 358,913
- ☐ 385,913

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☐ 358,923

5. 1983 people buy tickets for a concert. Each concert ticket costs £16 How much do 1000 tickets cost in £?(just write the number)

☐ 1600

☐ 160000

☐ 16000

☐ 160

6. Write 1983 correct to the nearest hundred

☐ 2000

☐ 1900

☐ 1950

☐ 2000

7. What is the the value of 1 in 1983, write your answer in words

☐ One thousand

☐ one hundred

☐ Ten thousand

☐ Ten

8. The population of Sumford is 9080. Write 9080 correct to the nearest 100

☐ 9000

☐ 9050

☐ 9150

☐ 9100

9. What is the value of the 9 in 9080? Write your answer in words.

☐ Nine thousands

☐ Nine Hundred

☐ Ninety

☐ Ninty thousands

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10. Write the number ninety nine thousand ninety nine hundred and ninety nine in figures.(Hint: you need to write down individual figures and add them)

- ☐ 108999
- ☐ 10899
- ☐ 108899
- ☐ 180999

11. Write down the number three hundred and fifty eight thousand nine hundred and three in figures.

12. How many odd three-digit numbers is it possible to make, using just the numbers 7, 8 and 9?(You are allowed to use each of the numbers more than once in a particular three-digit number.)

- ☐ 17
- ☐ 18
- ☐ 16
- ☐ 15

13. Which one of the following numbers is three less than a multiple of 5 and three more than a multiple of 6? : A. 12 B. 17 C. 21 D. 22 E 27

- ☐ 12
- ☐ 17
- ☐ 21
- ☐ 22
- ☐ 27

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14. What is the smallest four-digit positive whole number which has four different digits?

- ☐ 1023
- ☐ 1021

☐ 1032

☐ 1001

15. What is the missing number in the following sum $4060800 = 4000000 + \dots + 800$

☐ 60000

☐ 6000

☐ 600000

☐ 600

16. Gita wants to form a 4 digit number where the first and last digits are both prime. What is the largest and that Gita can form? Repeated digits are allowed.

☐ 7997

☐ 7999

☐ 9999

☐ 9779

17. Gita wants to form a 4 digit number where the first and last digits are both prime. What is the smallest numbers that Gita can form? Repeated digits are allowed.

☐ 1001

☐ 2002

☐ 1000

☐ 2001

18. The digits 3,1,9 and 2 can be arranged in any order to make four digit numbers. What is the difference between the largest and smallest numbers that you can make?

☐ 8082

☐ 8081

☐ 8080

☐ 8079

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19. This question has 5 number cards: 7 6 2 4 8 , the cards can be placed in order to form a 5 - digit number. Using all the 5 cards what is the largest possible odd number

- ☐ 86425
- ☐ 86429
- ☐ 87427
- ☐ 86427

20. This question has 5 number cards: 7 6 2 4 8 , the cards can be placed in order to form a 5 - digit number. Using all the 5 cards what is the number the is closest to 50000

21. This question has 5 number cards: 7 6 2 4 8 , Using only two of cards, what is the largest possible prime number

- ☐ 67
- ☐ 69
- ☐ 87
- ☐ 27

22. What is the smallest odd 5-digit number that you can make with the digits 4, 7, 5, 8, 3 using each digit only once ?

- ☐ 34587
- ☐ 34578
- ☐ 34857
- ☐ 34584

23. What is the value of the 6 in the decimal 0.264?

- ☐ six hundred
- ☐ six sixty
- ☐ six hundredths
- ☐ sixty hundred

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**24. The length of one statute mile is given as 1609.344 metres.
which of the following describes the position of the 6 in the
number above.**

- ☐ units
- ☐ tenths
- ☐ hundredths
- ☐ hundreds
- ☐ thousands
- ☐ tens

25. Round the number 1609.344 to the nearest ten

- ☐ 1610
- ☐ 1609
- ☐ 1609.30
- ☐ 1609.4

**26. Here are 4 number cards: 5 9 2 4 Put all 4 cards together to
make the largest possible odd number**

- ☐ 9423
- ☐ 9245
- ☐ 9625
- ☐ 9425

**27. Here are 4 number cards: 5 9 2 4 Put all 4 cards together to
make the smallest possible multiple of 5**

- ☐ 2495
- ☐ 2490
- ☐ 2945
- ☐ 2940

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**28. Here are 4 number cards: 5 9 2 4. Putting only 2 of the cards
together, what is the largest possible square number?**

- ☐ 49
- ☐ 59

☐ 95

☐ 36

29. Arrange all the digits 9, 7, 6, 4, 2 to make the smallest even number.

☐ 24976

☐ 29746

☐ 24796

☐ 24786

30. Cameron has five number cards. 1 2 3 4 5. The cards can be placed together to form a number. Make the smallest possible 3-digit multiple of 6

☐ 132

☐ 122

☐ 136

☐ 130

31. Cameron has five number cards. 1 2 3 4 5. The cards can be placed together to form a number. Make the largest possible 2-digit prime number

☐ 53

☐ 51

☐ 57

☐ 54

32. Cameron has five number cards. 1 2 3 4 5. The cards can be placed together to form a number. make the largest possible 4-digit multiple of 5

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33. 8 3 5 4 9 Using all these digits once only make the largest number

34. 8 3 5 4 9 Using all these digits once only make the largest number divisible by 4

- ☐ 95384
- ☐ 95348
- ☐ 95834
- ☐ 95484

35. 8 3 5 4 9 Using all these digits once only make the smallest even number

36. Sam has the six number cards shown below. 6 5 7 2 1 8. The cards can be placed together to form different numbers. For example, using just five of the cards, the largest 5-digit number that can be made is 87652 Using all six cards, what is the largest even number which can be made?

37. Sam has the six number cards shown below. 6 5 7 2 1 8 The cards can be placed together to form different numbers. For example, using just five of the cards, the largest 5-digit number that can be made is 87652 Using any number of the cards, what is the largest multiple of 5 that can be made?

38. Sam has the six number cards shown below. 6 5 7 2 1 8 The cards can be placed together to form different numbers. For example, using just five of the cards, the largest 5-digit number that can be made is 87652. What is the smallest 4-digit multiple of 6 that can be made?

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39. Sam has the six number cards shown below. 6 5 7 2 1 8 The cards can be placed together to form different numbers. For example, using just five of the cards, the largest 5-digit number that can be made is 87652 What is the difference between the largest and smallest 4-digit numbers that can be made?

40. What 5-digit number has the following features: If we put the numeral 1 at the beginning, we get a number three times smaller than if we put the numeral 1 at the end of the number? In other words, if you think the answer is the number 34567, then you want the number 134567 to be one third of 345671, but it isn't, so what's the number?

41. What is the value of the digit 5 in the number 32.5797

- ☐ five hundred
- ☐ fifty
- ☐ five tenths
- ☐ five hundredths
- ☐ five thousandths

42. Arrange the digits 7, 6, 5, and 4 so that the resulting number is closest to five thousand.

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43. What is the value of the digit 9 in the number 32.5977

- ☐ nine hundred
- ☐ nine

- ☐ nine tenths
- ☐ nine hundredths
- ☐ nine thousandths

44. What is the value of the 4 in 3427

- ☐ 400
- ☐ 40
- ☐ 420
- ☐ 427

45. Arrange the numbers, 5, 3, 7 and 2 to make the largest possible four-digit number which is a multiple of 5.

46. You are given the number 2864. You are allowed to swap the position of any two digits. For example, 2864 gives 2684 or 2864 gives 4862 What is the largest possible number you can make using one swap?

47. You are given the number 2864. You are allowed to swap the position of any two digits. For example, 2864 gives 2684 or 2864 gives 4862 What is the smallest possible number you can make using one swap?

48. which number is the closest in value to 0.1

- ☐ 0.01
- ☐ 0.08
- ☐ 0.13
- ☐ 0.2

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0.9

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