

PLACE VALUE & ORDERING NUMBERS

Task 1 – Write the place value of the underlined digit. (e.g. hundredths, tenths, etc.)

- 1) 374 **Tens**
- 2) 8.62 **Tenths**
- 3) 103 **Units**
- 4) 7.19 **Hundredths**
- 5) 509 **Hundreds**
- 6) 6.523 **Thousandths**
- 7) 4,388 **Thousands**
- 8) 2.0498 **Ten thousandths**
- 9) 917,189 **Hundred thousands**
- 10) 2,300,000 **Millions**

Task 2 – State the value of the underlined digit.

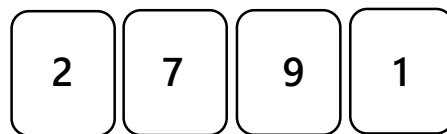
- 11) 521 **1**
- 12) 3.45 **0.4**
- 13) 906 **900**
- 14) 7.80 **7**
- 15) 104 **0**
- 16) 6.71 **0.01**
- 17) 8,329 **8,000**
- 18) 436,986 **30,000**
- 19) 205 **200**
- 20) 9.918 **0.008**

Task 3 – Write the numbers in words or the words in figures.

- 21) Four hundred twenty-three **423**
- 22) 709 **Seven hundred and nine**

- 23) One thousand and eight **1,008**
- 24) 65.09 **Sixty-five and nine hundredths**
- 25) Eight hundred twenty-one **821**
- 26) 3,540 **Three thousand five hundred and forty**
- 27) Six point four seven **6.47**
- 28) 0.56 **Fifty-six hundredths**
- 29) Ninety-two thousand three hundred **92,300**
- 30) 2.6 million **2,600,000**

Task 4 – There are four number cards as shown below. For each of the following questions you can use each card once.



- 31) Make the smallest possible 4-digit number.
1279
- 32) Make the largest possible 4-digit number.
9721
- 33) Make the largest possible 4-digit even number.
9712
- 34) Create the largest possible sum by adding two, 2-digit numbers.
92 + 71 = 163 or 91 + 72 = 163

Task 5 – Arrange the following numbers in ascending order.

- 35) 0.9, 0.29, 0.03, 0.301
0.03, 0.29, 0.301, 0.9

36) 1.2, 1.19, 1.09, 1.092

1.09, 1.092, 1.19, 1.2

37) 0.45, 0.5, 0.405, 0.54

0.405, 0.45, 0.5, 0.54

38) 3.21, 3.012, 3.201, 3.3

3.012, 3.201, 3.21, 3.3

39) 2.5, 2.04, 2.4, 2.004

2.004, 2.04, 2.4, 2.5

Task 6 – Use one of the following inequality symbols only once. $<$, $>$, $\leq$, $\geq$

40) 5.6 ___ 5.60 $\leq$ or $\geq$

41) 0.75 ___ 0.8 $<$

42) 3.4 ___ 3.40 $\leq$ or $\geq$

43) 2.1 ___ 2.09 $>$

Task 7

44) Sarah says the 6 in 6.03 is worth 60. Is she correct? Explain. No, it is worth 6.

45) Tom says 0.8 is greater than 0.80. Do you agree? Why or why not? No, both numbers are equal to eight-tenths.

46) What is the value of the digit 7 in the number 4,709? 700

47) Jane has the number 3.205. What digit is in the hundredths place? 0

48) A number has 4 in the hundreds place, 2 in the tens place, and 6 in the thousandths place. What could the number be?

Sample answer: 6420

Challenge

49) I am a four-digit number.

- My thousands digit is 4.
- My hundreds digit is half of the thousands digit.
- My tens digit is twice the hundreds digit.
- My units digit is the same as my hundreds digit.

What number am I?

4242

50) Is it possible for a digit to have the same value in two different numbers but have a different place value?

No. Changing the place value of the digit, will change the value.