Year 4 Number and Place Value
Challenge Cards

twinkl

Question 1

Write the value of the underlined digit in each number.

a) 48<u>7</u>9

b) <u>5</u>991

c) 200<u>1</u>

d) 7<u>9</u>48

e) <u>2</u>715

f) 387<u>3</u>

Question 2

3478

a) What is 1000 more than this number?

b) What is 1000 less than this number?

Question 3

Compare these numbers using < or >:

a) 6785 ⬚ 7865

b) 1346 ⬚ 1463

c) 5633 ⬚ 5636

d) 8471 ⬚ 4871

e) 4656 ⬚ 4566

f) 2910 ⬚ 2901

Question 4

Put these numbers in order from smallest to largest:

9392   **3292**

4659   **4569**

3992   **6999**

9399

Question 5

Find 1000 more than and 1000 less than each number:

a) ☐ 7650 ☐   c) ☐ 4768 ☐

b) ☐ 6032 ☐   d) ☐ 2801 ☐

Question 6

Continue the sequence:

18   24   30   ☐ ☐ ☐ ☐ ☐ ☐

Question 7

What is the value of each set of Roman numerals?

a) **XVI**   d) **XLVII**

b) **LXII**   e) **CXI**

c) **XXIV**   f) **LXXXVI**

Question 8

Write each number using Roman numerals:

a)**4**   d)**54**

a)**41**   d)**79**

a)**95**   d)**39**

Question 9

In the number sequence, one thousand is added each time.

Fill in the missing numbers:

3782   4782 | | | | |

Question 10

If you were counting in multiples of 6, what number would come after...

a)12?   d)24?

a)36?   d)42?

a)66?   d)54?

Question 11

Find one thousand less and one thousand more than each number:

a) ☐ 8677 ☐   d) ☐ 3591 ☐

b) ☐ 1562 ☐   e) ☐ 4823 ☐

c) ☐ 5366 ☐

Question 12

Continue these number sequences:

a) 7 2 3 1 ☐ ☐ ☐ ☐ ☐ ☐

b) 6 4 2 0 ☐ ☐ ☐ ☐ ☐

c) 9 6 3 0 ☐ ☐ ☐ ☐ ☐

Question 13

What do you notice about the number in this sequence?

48 54 60 66 72

Question 14

This sequence shows multiples of 25.

Fill in the missing numbers:

25 50 75 ☐ ☐ ☐ ☐ ☐ ☐ ☐

Question 15

What do you notice about the numbers in this sequence?

49 56 63 70 77

Question 16

If you were counting in multiples of 9, what number would come before...

a) 18?

a) 54?

a) 27?

d) 72?

d) 99?

d) 45?

Question 17

What do you notice about the numbers in this sequence?

425   450   475   500

Question 18

This sequence shows multiples of 25.

Fill in the missing numbers.

72		60	54		42		30	

Question 19

2876

In this number...
a) How many ones are there?
b) How many thousands are there?
c) How many hundreds are there?
d) How many tens are there?

Question 20

If you were counting in multiples of 25, what number would come before...

a)300?   d)275?

a)150?   d)250?

a)50?   d)500?

Answers

Question 1

a) **seventy**

b) **five thousand**

c) **one**

d) **nine hundred**

e) **two thousand**

f) **three**

Question 2

a) **4478**

b) **2478**

Question 3

a) 6785 **<** 7865

b) 1346 **<** 1463

c) 5633 **<** 5636

d) 8471 **>** 4871

e) 4656 **>** 4566

f) 2910 **>** 2901

Question 4

3292 3992 4569 4659 6999 9392 9399

Question 5

a) **6650** 7650 **8650**

b) **5032** 6032 **7032**

c) **3768** 4768 **5768**

d) **1801** 2801 **3801**

Question 6

18 24 30 **36 42 48 54 60 66**

Question 7

a) **16**   d) **47**

b) **62**   e) **91**

c) **24**   f) **86**

Question 8

a) **IV**   d) **LIV**

b) **XLI**   e) **LXXIX**

c) **XCV**   f) **XXXIX**

Question 9

3782 4782 **5782 6782 7782 8782 8782**

Question 10

a) **18**   d) **30**

b) **42**   e) **48**

c) **72**   f) **60**

Question 11

a) **7677** 8677 **9677**

b) **562** 1562 **2562**

c) **4366** 5366 **6366**

d) **2591** 3591 **4931**

e) **3823** 4823 **5823**

Question 12

a) 7 5 3 1 **-1 -3 -5 -7 -9 -11**

b) 8 6 4 2 0 **-2 -4 -6 -8 -10 -12**

c) 9 6 3 0 **-3 -6 -9 -12 -15 -18**

Question 13

They are multiples of 6

Question 14

25 50 75 **100 125 150 175 200 225 250**

Question 15

They are mutiples of 7

Question 16

a) **9**   d) **63**

b) **45**   e) **90**

c) **18**   f) **36**

Question 17

They are multiples of 25

Question 18

72 **66** 60 54 48 42 **36** 30 **24**

Question 19

a) **6**

b) **2**

c) **8**

d) **7**

Question 20

a) **275**

b) **125**

c) **25**

d) **250**

e) **225**

f) **475**