Place Value Riddle Challenge Cards - Card 1

What is the number?

- The number has four digits.

- It is smaller than 6000 but bigger than 5000.

- The hundreds digit is smaller than 6 but bigger than 4.

- The tens digit is an odd number smaller than 7 but bigger than 3.

- The ones digit is in the 3 times table and is bigger than 6 but smaller than 10.

Place Value Riddle Challenge Cards - Card 2

What is the number?

- The number has three digits.

- The ones digit is 82 less than 91.

- The hundreds digit is an odd number which is bigger than 1 but smaller than 4.

- The tens digit is the same as 6 + 3.

Place Value Riddle Challenge Cards - Card 3

What is the number?

- The number has five digits.

- The ten thousands digit is the same as the hundreds digit, and it is an odd number which can be divided by 3 to make 3.

- The thousands digit is bigger than 8.

- The ones digit is half the number of months in a year.

- The tens digit is smaller than 1.

Place Value Riddle Challenge Cards - Card 4

What is the number?

- The number has five digits.

- The thousands digit is number of fingers on one hand.

- The tens digit is the number of days in a week.

- The ones digit is half of 14.

- The hundreds digit is the first number you dial when you need to call a fire engine, an ambulance or the police.

- The ten thousands digit is 2 + 4 + 2 - 7.

Place Value Riddle Challenge Cards - Card 5

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What is the number?

- The number has three digits.
- It is smaller than 700 but bigger than 600.
- The tens digit is 1/3 of 9.
- The ones digit is double 4.

Place Value Riddle Challenge Cards - Card 6

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What is the number?

- The number has four digits.
- The thousands digit is the same as 18 divided by 2.
- The hundreds digit is the same as 90 divided by 10.
- The ones digit is is the same as 3x3.
- The tens digit is is the same as 100-91.

Place Value Riddle Challenge Cards - Card 7

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What is the number?

- The number has five digits.
- The ones digit is an even number that is bigger than 6 but smaller than 9.
- The ten thousands digit is the same as 800 divided by 100.
- The hundreds digit is the same as 2 x 2 x 2.
- The tens digit is half of 10.
- The thousands digit is the same as 50 - 20 - 20 - 5.

Place Value Riddle Challenge Cards - Card 1

★★★

What is the number?

- The number has five digits.
- The ones digit is $\frac{1}{4}$ of 32.
- The hundreds is the number of sides in a hexagon.
- The tens digit is an even number that is multiple of 2 and of 4 that is less than 6.
- The ten thousands digit is the smallest possible odd number.
- The thousands digit is the same as 36 ÷ 12.

What is the number? Answers ★

Card 1: 648

Card 2: 703

Card 3: 119

Card 4: 7426

Card 5: 9381

Card 6: 7004

Card 7: 4513

What is the number? Answers ★★

Card 1: 5559

Card 2: 399

Card 3: 99906

Card 4:15977

Card 5: 638

Card 6: 9999

Card 7: 85858

What is the number? Answers ★★★

Card 1: 13 648

Card 2: 42 886

Card 3: 703 291

Card 4: 128 749

Card 5: 335 973

Card 6: 3 418 659

Card 7: 5 182 247