

# January 3rd

**On January 3rd of this year Henry W. Bradley patented margarine. A United States patent gives inventors the right to prevent others from making, using or selling their invention in the United States for about 20 years. To discover the year of this patent, solve this puzzle.**

- My thousands and units digits are the same.
- My tens digit is one less than my hundreds digit.
- My hundreds digit is the number assigned to the month of August.
- The sum of all of my numbers is the average of 24, 10, 15, and 19.

*What year am I?*

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Thousands	Hundreds	Tens	Units

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# January 4th

**On January 4th of this year Nancy Pelosi became the first woman Speaker of House of Representatives. She was the Speaker of the 110<sup>th</sup> Congress of the United States. Nancy Pelosi represented the 8th Congressional District of California that includes four-fifths of the City and County of San Francisco. To learn the year Representative Pelosi became Speaker of the House, solve this puzzle.**

- My units digit is the answer to this problem:  $3 \times 2 + 1$ .
- The two-digit number formed by my thousands and hundreds digit is the same as the number of years in 2 decades.
- The sum of all of my digits is the sum of the first three odd numbers.

*What year am I?*

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Thousands	Hundreds	Tens	Units

# February 17th

On February 17th of this year Gary Kasparov, the world chess champion, beat the IBM supercomputer “Deep Blue” in Philadelphia, Pennsylvania. Unfortunately, when Gary and “Deep Blue” had a rematch the following year (with a newer version of the computer), the computer won! To learn the year Gary Kasparov beat the computer, solve this equation.

- My tens and hundreds digit are the same; their sum is 18 and their product is 81.
- My units digit is  $\frac{2}{3}$  of my tens digit.
- The sum of all of my digits is the number of year in  $\frac{1}{4}$  of a century.

*What year am I?*

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Thousands	Hundreds	Tens	Units

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# February 18th

On February 18th of this year Clyde Tombaugh, the American astronomer, discovered the dwarf planet Pluto by studying outer space photographs. Pluto was once known as the ninth planet from the sun. It is the smallest, coldest, and most distant from the Sun. But in 2006 the International Astronomical Union downgraded Pluto to a dwarf planet. Learn the year Tombaugh discovered this “controversial planet” by solving this puzzle.

- The two-digit number formed by my tens and units digits is the missing number in this equation:  $\square \times 8 = 240$ .
- My hundreds digit is three times my tens digit.
- The sum of all of my digits is a prime number between 11 and 17.

*What year am I?*

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Thousands	Hundreds	Tens	Units

# March 29th

**March 29th of this year Bulgaria, Estonia, Latvia, Lithuania, Romania, Slovakia and Slovenia became members of North Atlantic Treaty Organization. After you solve this puzzle and learn when these nations became members of NATO, search the Internet to learn what other nations belong to this organization.**

- My units digit is twice my thousands digit.
- The two-digit number formed by my thousands and hundreds digits is the answer to this problem:  $480 \div 24$ .
- The sum of all of my digits is equal to the amount of change from \$1.00 you would get if you bought something for 94¢.

*What year am I?*

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# March 30th

**On March 30th of this year the Secretary of State William Seward purchased Alaska for \$7.2 million from Russia. People called this purchase “Seward’s Folly” because he paid so much. Alaska has 586,412 square miles. First solve this puzzle to learn the year of this purchase. Then figure out how much Seward paid for each square mile. Do you think he paid too much?**

- Look at this number: 157,680,000.
- My units digit is in the millions place; my hundreds digit is in the ten-thousands place; my tens digit is in the hundred-thousands place.
- The sum of all of my digits is the difference between 1,265 and 1,243.

*What year am I?*

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# April 15th

**On April 15th of this year Leonardo da Vinci was born near Vinci, Italy. He was a master of both of art and science. Leonardo was a painter, sculptor, architect, musician, engineer, inventor, and scientist. Use the Internet to learn the remarkable accomplishments of this man. To learn the year Leonardo da Vinci was born, solve this problem.**

- My units digit is the number of pints in one quart.
  - My hundreds digit is twice my units digit.
  - My tens digit when multiplied by itself is equal to 25.
  - The sum of all of my digits is equal to the number of inches in one foot.
- What year am I?*

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Thousands	Hundreds	Tens	Units

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# April 16th

**On April 16th of this year Wilbur Wright was born on a small farm near Millville, Indiana. Wilbur and his brother Orville invented and built the first successful airplane. The world's first flight in a powered, heavier-than-air machine took place near Kitty Hawk, North Carolina. With Orville at the controls, the plane flew 120 feet (37 meters) in 12 seconds. The brothers made three more flights that day. The longest, by Wilbur, was 852 feet (260 meters) in 59 seconds. To learn the year Wilbur Wright was born, solve this puzzle.**

- My units digit is equal to the number of days in one week.
  - My tens digit is the same as the number of sides on a hexagon.
  - My tens digit plus two is equal to my hundreds digit.
  - The sum of all of my digits is equal to the product of 2 and 11.
- What year am I?*

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Thousands	Hundreds	Tens	Units

# May 25th

On May 25th of this year NASA's Phoenix Mars Lander landed in the arctic plains of Mars. Phoenix was a robotic spacecraft that allowed mission scientists to use the instruments onboard to search for environments suitable for life on Mars and to research the history of water on the Red Planet. To learn when the Phoenix robot landed, solve this problem.

- My units digit is the missing number in this sequence:  
1, 1, 2, 3, 5, \_\_, 13, 21....
- My thousands digit is the only even prime number.
- The sum of my digits is equal to the number of years in one decade.

*What year am I?*

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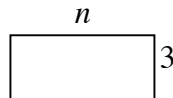
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# May 26th

May 26th is the birthday of the astronaut, Dr. Sally Kirsten Ride. Dr. Ride became the first American woman in space as a crewmember on the shuttle Challenger. She has been inducted into the National Women's Hall of Fame, the Astronaut Hall of Fame, has two elementary schools named after her, and in 2006 was inducted into the California Hall of Fame. To learn the year Dr. Ride was born, solve this puzzle.

- My thousands and units digits are the same integer.
- My tens digit is a factor of both 10 and 25.
- My hundreds digit could be the missing side of this rectangle whose area is 27 square units:



- The sum of my digits could be the area of a square whose sides are 4.

*What year am I?*

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# June 3rd

On June 3rd of this year "Casey at the Bat" the poem by Ernest Lawrence Thayer was first published. The last stanza of this famous poem explains how the "mighty Casey" saddened the fans of Mudville.

Oh, somewhere in this favored land the sun is shining bright,  
The band is playing somewhere, and somewhere hearts are light,  
And somewhere men are laughing, and little children shout;  
But there is no joy in Mudville—mighty Casey has struck out.

To learn the year this poem was written, solve this puzzle.

- The three-digit number formed by my hundreds, tens, and units digits could be the sides of an equilateral triangle with a perimeter of 24.
- The sum of my digits is the same as the number of years in  $\frac{1}{4}$  century.

*What year am I?*

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Thousands	Hundreds	Tens	Units

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# June 4th

June 4th is the birth date of King George III of England. He reigned as king during the Revolutionary War in America. To learn the year he was born, solve this puzzle.

- My tens digit is the same as the number of sides in a triangle.
- My units digit is the number of sides in an octagon.
- My hundreds digit is a prime number greater than 5 and less than 11.
- The sum of all of my digits is the average of 13, 21, 25, and 17.

*What year am I?*

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Thousands	Hundreds	Tens	Units

# July 19th

On July 19th of this year the Women’s Conference was held in Seneca Falls, NY. The beginning of the Women’s Right movement, one of their major goals was to get women the right to vote. Elizabeth Cady Stanton’s “Declaration of Sentiments” said, “We hold these truths to be self-evident: that all men and women are created equal...” It took another 72 years for women to get the right to vote and only one signer of the Seneca Falls Declaration, Charlotte Woodward, lived long enough to cast her ballot. Learn the year of the Seneca Falls Conference by solving this puzzle.

- My hundreds, tens, and units digits are all even numbers and form a palindrome with a sum of 20; my tens digit is  $\frac{1}{2}$  my hundreds digit.
- The sum of my digits is the sum of  $1 + 2 + 3 + 4 + 5 + 6$ .

*What year am I?*

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Thousands	Hundreds	Tens	Units

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# July 20th

July 20th of this year was the 40-year anniversary of the Apollo 11 moon landing when Neil Armstrong climbed down a ladder from the space ship and walked on the moon. His first words were, “That’s one small step for man, on giant step for mankind.” He continued to describe the surface of the moon as “fine and powdery” and told how he could see his footprints on the surface. To learn the year of the 40-year anniversary of this historic flight, solve this puzzle.

- My units digit is the missing number in this equation:  $108 \div \square = 12$ .
- My thousands digit is the only even prime number.
- The sum of my digits is the missing number in this equation:  $2 \cdot n = 22$ .

*What year am I?*

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Thousands	Hundreds	Tens	Units

# August 23rd

On August 23rd of this year Robert Bogucki, an Alaskan, was rescued after getting lost in the Great Sandy Desert of Australia on July 11. During his 43-day ordeal Bogucki lost 44 pounds but survived by eating flowers and plants. Although search efforts were suspended, Bogucki was spotted by a news helicopter in Western Australia's Edgar Ranges, about 250 miles from where he started out. Solve this puzzle to learn the year this amazing rescue took place.

- My hundreds, tens, and units digits could be the length of each side of an equilateral triangle whose perimeter is 27 units in length.
- The sum of all of my digits is the number of days in 4 weeks.

*What year am I?*

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Units

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# August 24th

August 24th is known as “Vesuvius Day” because it is the anniversary of the first known eruption of this active volcano in southern Italy. Mount Vesuvius has erupted many times since but this eruption led to the destruction of the Roman cities of Pompeii and Herculaneum and the deaths of somewhere between 10,000 and 25,000 people. Today Mount Vesuvius is regarded as one of the most dangerous volcanoes in the world because its eruptions are so explosive and such a large population (3,000,000 people) lives nearby. To learn the year of the eruption of Mount Vesuvius, solve this problem.

- My units digit is the largest whole number  $< 10$ .
- My tens digit is two less than my units digit.
- The sum of my digits is the equal to the number of months in  $1\frac{1}{3}$  years.

*What year am I?*

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# September 21st

On September 21st of this year hurricane Hugo, the most intense tropical hurricane to strike the United States Atlantic, hit South Carolina. Along the United States east coast (north of Florida) no tropical hurricane has ever recorded a lower pressure, stronger winds (140-mph), or a higher tidal surge than Hurricane Hugo (16-20 above mean tide). It left billions of dollars worth of damage in it wake. To learn the year this serious storm hit our each coast, solve this puzzle.

- My tens digit is the same as the digit in the hundred- thousands place of the number 15,860,423.
- My hundreds and units digits could be the sides of a square with a perimeter of 36 and an area of 81.
- The sum of my digits is equal to the difference between 685 and 658.

*What year am I?*

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# September 22nd

On September 22nd of this year Italo Marchiony, an Italian immigrant, applied for a patent for the ice cream cone. He had a fleet of pushcarts and sold the Italian treat on the streets of New York City. To learn the year the ice cream cone was *born*, solve this puzzle.

- My units digit is the smallest odd prime number.
- My hundreds digit is three times my units digit.
- My tens digit is the product of  $6 \times 12 \times 9 \times 0 \times 2$ .
- My sum is the missing number:  $39 \div \square = 3$

*What year am I?*

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Thousands

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# October 3rd

**On October 3rd Chubby Checker (Ernest Evans), the American singer and songwriter, was born in South Carolina. He moved to South Philadelphia with his parents and two brothers when he was a young boy. Chubby Checkers most famous record was the rock and roll hit, “The Twist.” To learn the year Chubby Checker was born, solve this puzzle.**

- The sum of my tens and units digits is 5; their product is 4; only my tens digit is even.
- My thousands digit is four greater than the sum of my tens and units digits.
- The sum of my digits is one less than the number of ounces in one pound.

*What year am I?*

Thousands	Hundreds	Tens	Units
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# October 4th

**On October 4th of this year the comic strip “Dick Tracy,” created by Chester Gould, made its debut in the Detroit Daily Mirror. Dick Tracy is a hard-hitting, fast-shooting, and very intelligent police detective. Pruneface, Tiger Lily, the Mole, Measles and Breathless Mahoney are just five of Dick Tracy’s 117 colorful villains. To learn the year the comic strip debuted, solve this puzzle.**

- My hundreds digit is three times my tens digit; their sum is 12.
- My units digit is the quotient when 398 is divided by 398.
- The sum of my digits is the same as the number of pints in 7 quarts.

*What year am I?*

Thousands	Hundreds	Tens	Units
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# November 9th

On November 9th of this year Benjamin Banneker, the famous African American inventor and mathematician was born in Maryland. Using drawings he made from a borrowed pocket watch, he built a wooden clock that kept accurate time and struck the hour for over 50 years. He studied astronomy, predicting solar and lunar eclipses, published “Benjamin Banneker’s Almanac,” and was part of the team that surveyed the Federal District (now called Washington, D.C.) To learn the year this famous American was born, solve this puzzle.

- My hundreds and tens digits are both prime numbers; the difference between my smaller tens digit and my hundreds digit is four.
- If my thousands and units digits were the sides of a square its area would be 1 and its perimeter 4.
- The sum of digits is equal to the number pints in 6 quarts.

*What year am I?*

Thousands	Hundreds	Tens	Units
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# November 10th

November 10th of this year was the 40th anniversary of the debut of the children’s TV show Sesame Street and the “Muppet” characters. By the end of its first season, seven million children a day watched the show. It is the longest running children’s program on television. To learn the year Sesame Street celebrated its 40th anniversary, solve this puzzle.

- If my thousands digit were the sides of a square its area would be 4 and its perimeter would be 8.
- My units digit is the same as the number of hours that elapse between 10:00 AM and 7:00 PM.
- The sum of my digits is equal to the number of months in  $1\frac{1}{12}$  of a year.

*What year am I?*

Thousands	Hundreds	Tens	Units
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# December 1st

December 1st each year is celebrated as “Rosa Parks Day” in honor of her courageous role in the United States civil right movement. When Rosa Parks, an African American, refused to give up her seat on a bus to a white man, she was arrested. Her arrest was a spark for the men and women fighting to obtain equal rights for all Americans. She was later called the “Mother of the Modern-Day Civil Rights” movement. To learn the year Rosa Parks was arrested, solve this puzzle.

- The two-digit number formed by my tens and units digits is a multiple of both 5 and 11.
- My hundreds digit is the missing digit in this sequence: 3, 6, \_\_, 12, 15.
- The sum of my digits could be the perimeter of a rectangle whose width is 4 and whose length of 6.

*What year am I?*

Thousands	Hundreds	Tens	Units
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# December 2nd

On December 2nd of this year George Seurat, the artist, was born in Paris. His most well known painting, “A Sunday Afternoon on the Island of La Grande Jatte.” is very large and took him almost two years to paint. It is an example of a style of painting called *pointillism*. Instead of mixing colors to get a third color (red + yellow = orange), painters using this style place little dots of color, right next to each other, so the colors appear to be blended. Solve this puzzle and learn the year Seurat was born.

- The two-digit number formed by my hundreds and tens digit is equal to the sum of  $4 + 5 + 6 + \dots + 12 + 13$ .
- My units digit is one greater than my hundreds digit.
- The sum my digits is one less than the number of months in 2 years.

*What year am I?*

Thousands	Hundreds	Tens	Units
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