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Delaware, Pennsylvania, and New Jersey were the first three colonies to enter the Union. They all became states in the month of December of the same year. Solve this puzzle to learn the year.

- My hundreds and units digits are the same number, and each is the value of $x$ when this equation is solved: $2x^2 - 11 = 87$.
- My tens digit is equal to the value of $x$: $-5x = -40$.
- The sum of all of my digits is equal to $3^3 - 2^2$.

What year am I?

<table>
<thead>
<tr>
<th>Thousands</th>
<th>Hundreds</th>
<th>Tens</th>
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Georgia, Massachusetts, Connecticut,
New Hampshire, South Carolina, Virginia, New York, and Maryland all became states in the same year. They became the 4th through the 11th states of our United States. Solve this puzzle to learn the year.

- My tens and units digits are the same number. Learn them by evaluating this expression: $7 - 4 \div 12 + 8 \div 6$.
- My hundreds digit is equal to the value of $y$ in this equation: $5(y - 2) = 2y + 11$.
- The sum of all of my digits is equal to $\sqrt{625} - 1$.

What year am I?

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Wisconsin became the 30th state of the United States on May 29 of this year. To learn the year Wisconsin became a state, just solve this puzzle.

- Simplify this complex fraction to find my units and hundreds digits: \[
\frac{4}{5} = \frac{1}{13} + \frac{1}{30}.
\]

- My tens digit is the value of \(a\): \[
\frac{a + 5}{3} = \frac{a + 2}{2}.
\]

- The sum of all of my digits is equal to \(13(-5 + (-2))\) \(1\).

What year am I?

\[\text{Thousands} \quad \text{Hundreds} \quad \text{Tens} \quad \text{Units}\]

\[20\]
On September 9 of this year, California became the 31st state of the United States. Solve this puzzle to learn the year.

- The two-digit number formed by my thousands and hundreds digits is equal to the value of $y$: \( \frac{1}{3} = \frac{0.5y - 1}{y + 6} \).
- My tens digit is the slope:

\[
\begin{array}{c|c|c|c|c}
\text{Thousands} & \text{Hundreds} & \text{Tens} & \text{Units} \\
\hline
1 & 3 & 0.5 & y - 1 \\
\hline
225 & - & - & - \\
\end{array}
\]

- The sum of all of my digits is equal to \( \sqrt{225} - 29 \).

What year am I?
On January 21 of this year, the first law requiring that drivers of automobiles have licenses went into effect. To learn the year, solve this puzzle.

• My hundreds digit is the unknown leg of this right triangle:

\[ \begin{array}{c}
12 \\
\hline
15 \\
\hline
x
\end{array} \]

• The two-digit number formed by my tens and units digits is the determinant of this matrix:

\[ \begin{bmatrix}
2 & -1 \\
29 & 4
\end{bmatrix} \]

• The sum of all of my digits is the sum of the first four triangular numbers.

What year am I?

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**In this year,** Dr. Elizabeth Blackwell became the first woman to receive an M.D. degree. She attended the Medical Institute of Geneva, New York. Solve this puzzle to find the year.

- The two-digit number formed by my tens and units digits is the sum of the first 7 odd numbers. The two-digit number formed by my hundreds and tens digits is the GCF of 54 and 126.
- The sum of all of my digits is equal to $g(5)$ for the function $g(x) = x^2 - 3$.

What year am I?

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On January 11 of this year, Chicago schools were closed in the wake of the record-breaking –26°F temperatures. Learn the year by solving this puzzle.

- My units digit is equal to the value of n: \( \log_{15} 225 = n \).
- My tens digit is the geometric mean of 16 and 4.
- My hundreds digit is the determinant of the following matrix:
  \[
  \begin{bmatrix}
  6 & -11 \\
  3 & -4
  \end{bmatrix}
  \]
- The sum of all of my digits is equal to the sum of the first five even numbers.

What year am I?

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On June 15 of this year, King John signed the Magna Carta. This is considered to be one of the most important documents in the history of humanity’s search for liberty and freedom. Four copies have survived through the years. Learn the year of this signing by solving this puzzle.

- The two-digit number formed by my tens and units digits is equal to one of the legs of a right triangle whose other leg equals 8 and hypotenuse equals 17.
- My hundreds digit is the positive root of $x^3 - 2x^2 - x + 2 = 0$.
- The sum of all of my digits is equal to $(8)^{1/3} + 7$.

What year am I?
On December 15 of this year, the Bill of Rights, the first ten amendments to our Constitution, became effective following the approval of Virginia. Find the year of this historical highlight by solving this puzzle.

- My units digit is the absolute value of the product: $\frac{m^2 + 2m + 1}{m^2 - 1} \times \frac{1 - m}{1 + m}$
- My hundreds digit is equal to the $x$-coordinate and my tens digit is equal to the $y$-coordinate of the vertex of the parabola $-(x - 7)^2 + 9$.
- The sum of my digits is equal to $x$: $\sqrt{2x} = 6$.

What year am I?