

# Fifteen of the Most Important Dates in American History

A Math/History Puzzle by David Pleacher

Solve the fifteen problems involving systems of equations and place the answer next to each letter.

There are thirty-one answers labeled **A** through **Z** and then **a** through **e**.

Then fill in the forty-five blanks with the numbers corresponding to each letter.

This will give you the fifteen important dates.

Then you must write a description of what happened on each date.

Problem #1

$$\begin{aligned} A &= \underline{\quad\quad} & 2A - B &= 30 \\ B &= \underline{\quad\quad} & A + B &= 57 \end{aligned}$$

Problem #9

$$\begin{aligned} Q &= \underline{\quad\quad} & R &= Q + 1930 \\ R &= \underline{\quad\quad} & R - 73Q &= 922 \end{aligned}$$

Problem #2

$$\begin{aligned} C &= \underline{\quad\quad} & 8C + 3D &= 40 \\ D &= \underline{\quad\quad} & 5C - 2D &= -6 \end{aligned}$$

Problem #10

$$\begin{aligned} S &= \underline{\quad\quad} & S - T &= 74 \\ T &= \underline{\quad\quad} & 3T - 2S &= 1717 \end{aligned}$$

Problem #3

$$\begin{aligned} E &= \underline{\quad\quad} & E + F &= 13 \\ F &= \underline{\quad\quad} & 15E - F &= 3 \end{aligned}$$

Problem #11

$$\begin{aligned} U &= \underline{\quad\quad} & V - 327U &= 6 \\ V &= \underline{\quad\quad} & V - U &= 1962 \end{aligned}$$

Problem #4

$$\begin{aligned} G &= \underline{\quad\quad} & H &= 2G - 1 \\ H &= \underline{\quad\quad} & 3G + 2H &= 68 \end{aligned}$$

Problem #12

$$\begin{aligned} W &= \underline{\quad\quad} & X + W &= 1976 \\ X &= \underline{\quad\quad} & 2X - 300W &= 1838 \end{aligned}$$

Problem #5

$$\begin{aligned} I &= \underline{\quad\quad} & J &= 85I + 163 \\ J &= \underline{\quad\quad} & 93I - J &= -3 \end{aligned}$$

Problem #13

$$\begin{aligned} Y &= \underline{\quad\quad} & Z &= 452Y + 133 \\ Z &= \underline{\quad\quad} & 3Z - 1050Y &= 1623 \end{aligned}$$

Problem #6

$$\begin{aligned} K &= \underline{\quad\quad} & K + L &= 1951 \\ L &= \underline{\quad\quad} & K - L &= 1907 \end{aligned}$$

Problem #14

$$\begin{aligned} a &= \underline{\quad\quad} & a - b &= 187 \\ b &= \underline{\quad\quad} & 19b - 17a &= 373 \end{aligned}$$

Problem #7

$$\begin{aligned} M &= \underline{\quad\quad} & M - 13N &= 1930 \\ N &= \underline{\quad\quad} & 2M + 5N &= 4015 \end{aligned}$$

Problem #15

$$\begin{aligned} c &= \underline{\quad\quad} & d + e - 2c &= 798 \\ d &= \underline{\quad\quad} & 3d + c - 3e &= 1637 \\ e &= \underline{\quad\quad} & 5e + 8c - 11d &= 740 \end{aligned}$$

Problem #8

$$\begin{aligned} O &= \underline{\quad\quad} & O + P &= 20 \\ P &= \underline{\quad\quad} & O - P &= 2 \end{aligned}$$

## Fifteen of the Most Important Dates in American History

Now fill in the forty-five blanks below and on the next page with the numbers corresponding to each letter, and describe the event for that date.

     /      /      : \_\_\_\_\_  
W    Y    b

     /      /      : \_\_\_\_\_  
O    L    a

     /      /      : \_\_\_\_\_  
F    W    z

     /      /      : \_\_\_\_\_  
D    B    a

     /      /      : \_\_\_\_\_  
P    E    S

     /      /      : \_\_\_\_\_  
G    A    K

     /      /      : \_\_\_\_\_  
N    U    c

**Note: This date is the Old Date from the Julian Calendar (before 1752). If you use the Gregorian Calendar, then the date would be: N / Q / c**

     /      /      : \_\_\_\_\_  
Y    H    M

## Fifteen of the Most Important Dates in American History

$\frac{\quad}{Y} / \frac{\quad}{Y} / \frac{\quad}{V}$  : \_\_\_\_\_

$\frac{\quad}{U} / \frac{\quad}{U} / \frac{\quad}{R}$  : \_\_\_\_\_

$\frac{\quad}{E} / \frac{\quad}{E} / \frac{\quad}{J}$  : \_\_\_\_\_

$\frac{\quad}{W} / \frac{\quad}{I} / \frac{\quad}{X}$  : \_\_\_\_\_

$\frac{\quad}{P} / \frac{\quad}{O} / \frac{\quad}{e}$  : \_\_\_\_\_

$\frac{\quad}{N} / \frac{\quad}{C} / \frac{\quad}{d}$  : \_\_\_\_\_

$\frac{\quad}{Y} / \frac{\quad}{Q} / \frac{\quad}{T}$  : \_\_\_\_\_

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