

Library Lessons

Additional Equations

Equations that Require Addition and Subtraction

1. The number of miles in a league plus
+ The number of inches in a hand
+ The number of sports in a biathlon
The number of inches in a span
2. The year Dizzy Dean was elected to the
- Baseball Hall of Fame
- The year Joe DiMaggio was born
+ The number of players on a baseball team
+ The number of balls that allow a player
to walk
The number of home runs hit by Mickey Mantle
in 1956
3. The number of furlongs in a mile
+ The number of objects in an enead
+ The denomination of the U.S. coin that
features Abraham Lincoln's portrait
The number of holes in a full round of golf
4. The number of babies in septuplets
+ The number of musicians in an octet
+ The denomination of U.S. paper currency that
features George Washington's portrait
The number of ounces in a pound
5. The year Lyndon B. Johnson died
- The year Warren G. Harding died
+ The number of stripes on the U.S. flag
- The number of seconds in a minute
Thomas Jefferson's numerical place in a
chronological list of U.S. presidents

Answers

- $3 + 4 + 2 = 9$
- $1953 - 1914 + 9 + 4 = 52$
- $8 + 9 + 1 = 18$
- $7 + 8 + 1 = 16$
- $1973 - 1923 + 13 - 60 = 3$

Equations that Require Addition, Subtraction, Multiplication and Division

1. - The year the Via Appia was built
÷ The number of objects in a dozen
The number of sports in a triathlon
The denomination of U.S. paper currency that
features a portrait of Benjamin Franklin
2. - The year of the Monroe Doctrine
- The year of the Boston Massacre
÷ The number of President Bill Clinton's children
The number of couples dancing in a quadrille
The number of states mentioned in the Declaration
of Independence
3. - The number of weeks in a year
X The number of wheels on a curricle
The denomination of U.S. paper currency that
features Thomas Jefferson's portrait
The number of years in a century
4. - The year A. A. Milne died
- The year Rudyard Kipling won the Nobel Prize
for Literature
- The number mentioned in the title of the book that
won the Caldecott Medal in 1966
÷ The number of lines in a quatrain
The number of sides on a dodecagon
5. - The year Ruth Bader Ginsburg was born
+ The year Thurgood Marshall was born
÷ The number of languages spoken by a monoglot
The number of chambers in a bicameral congress
The number of the amendment to the U.S.
Constitution that abolished slavery

Answers

- $312 - 12 \div 3 = 100$
- $1823 - 1770 - 1 \div 4 = 13$
- $52 - 2 \times 2 = 100$
- $1956 - 1907 - 1 \div 4 = 12$
- $1933 - 1908 + 1 \div 2 = 13$