$$\frac{80x^2 + 84x - 13}{qx - 4} = \frac{-16x - 4 - 29}{qx - 4}$$

The equation above is true for all values of $x \neq 4 / q$, where q is a constant. What is the value of q?

A. -5
B. -2
C. 2
D. 5

$$wx - 6y = 8$$
$$3x - 7y = 5$$

In the system of equations shown above, w is a constant and x and y are variables. For what value of w will the system of equations have no solution?

A. 24 / 5
B. 18 / 7
C. -18 / 7
D. – 24 / 5

Custom Cars Made in 2019

Car colors	Car type				
	Trucks	Sedans	Coupes	SUVs	Total
Blue	9	7	0	15	31
Green	12	6	9	0	27
Red	3	1	11	2	17
Orange	24	14	20	17	75

The table above shows the 75 cars in inventory that a custom assembly line made in 2019, categorized by car type and car color. What proportion of the car types are coupes and green?

A. 2 / 25
B. 3 / 25
C. 4 / 15
D. 9 / 25

The tables below show the distribution of scores of recent quizzes in U.S. History and Biology given to the same 33 students of a particular class.

U.S. History Quiz

Score	Frequency
1	5
2	7
3	8
4	7
5	6

Biology Quiz

Score	Frequency
1	1
2	2
3	3
4	22
5	5

Which of the following is true about the data Provided by the 33 students?

A. The standard deviation of the scores on the U.S. History quiz is larger.

B. The standard deviation of scores on the Biology quiz is larger.

C. The standard deviation of the scores on the U.S. History quiz is the same as that of the Biology quiz.

D. The standard deviation for the scores on the two quizzes cannot be calculated from the data provided.