2. What value of a will make the equation a true statement? Explain how you arrived at your solution.

$$\left(-\frac{3}{4} + \frac{4}{3}\right) + a = 0$$

3. Every month, Ms. Thomas pays her car loan through automatic payments (withdrawals) from her savings account. She pays the same amount on her car loan each month. At the end of the year, her savings account balance changed by $-\$2{,}931$ from payments made on her car loan.

   a. What is the change in Ms. Thomas' savings account balance each month due to her car payment?

7. The table below shows the temperature changes Monday morning in Bedford, New York over a 4-hour period after a cold front came through.

   a. If the beginning temperature was $-13°F$ at 5:00 a.m., what was the temperature at 9:00 a.m.?

Change in Temperature	
5:00 a.m. – 6:00 a.m.	$-3°F$
6:00 a.m. – 7:00 a.m.	$-2°F$
7:00 a.m. – 8:00 a.m.	$-6°F$
8:00 a.m. – 9:00 a.m.	$7°F$

   b. The same cold front hit Hartford, Connecticut the next morning. The temperature dropped by $7°F$ each hour from 5:00 a.m. to 9:00 a.m. What was the beginning temperature at 5:00 a.m. if the temperature at 9:00 a.m. was $-10°F$?

   c. In answering part (b), Josiah and Kate used different methods. Josiah said his method involved multiplication, while Kate said she did not use multiplication. Both students arrived at the correct answer. How is this possible? Explain.