2. $2x^2 - 7x = -3$

2. _____

3. Explain how you would solve the equation in #2.

4. What is the **sum** of the solutions of $-6x-8=-5x^2$?

4. _____

5. The height (h), in feet, of a person jumping off a diving platform can be modeled by the equation $-12t^2 - 5t + 2$ where t represents the time in seconds the person is in the air. After how many seconds does the person jumping off the platform enter the water?

5.____

a.
$$-\frac{2}{3}$$
 seconds

c. $\frac{1}{4}$ seconds

d. $\frac{2}{3}$ seconds