

NAME _____ DATE _____

Reflection:

How is adding positive and negative fractions similar to adding integers? How is it different?

Adding positive and negative fraction is **similar** to adding integers because __________
_____Adding positive and negative fraction is **different** to adding integers because __________
_____**Exercise 5**

Create an equation and number line diagram to model each answer.

- a. Samantha owes her father \$7. She just got paid \$5.50 for babysitting. If she gives that money to her dad, how much will she still owe him?
- b. At the start of a trip, a car's gas tank contains 12 gallons of gasoline. During the trip, the car consumes $10\frac{1}{8}$ gallons of gasoline. How much gasoline is left in the tank?
- c. A fish was swimming $3\frac{1}{2}$ feet below the water's surface at 7:00 a.m. Four hours later, the fish was at a depth that is $5\frac{1}{4}$ feet below where it was at 7:00 a.m. What rational number represents the position of the fish with respect to the water's surface at 11:00 a.m.?