Name_____

Jog-a-Thon

Number and Operations in Base Ten: Perform operations with multi-digit whole numbers and with decimals to hundredths.

Number and Operations with Fractions: Use equivalent fractions as a strategy to add and subtract fractions.

A school participating in Walk Georgia is having a Jog-a-Thon where teams of students will jog 10 miles total to raise money for a local charity. Each team is responsible for getting pledges.

1. If Alex decided to be on a team of four and each person wants to jog an equivalent amount, how many miles will each team member need to jog during the Jog-a-Thon?

2. Alex, Justin, Molly and Sue decided to form a team. If the team wants to earn $300 and each person brings in the same amount, how much should each person raise?

3. Alex's dad said he would sponsor $7.25 per mile that Alex jogged. How much money would Alex's dad need to give Alex, assuming he jogs his share of the team's mileage? How much more money will Alex need to raise to reach his goal?

4. Alex is training for his school's Jog-a-Thon and needs to run at least 1 mile per day. If Alex runs to his grandma's house, which is 5/8 of a mile away, and then to his friend, Justin's house, which is 1/2 a mile away, will he have trained enough for the day?

5. During the Jog-a-Thon, Alex drank 2/5 of his water bottle and Molly drank 3/10 of her water bottle. How much water did they drink in all?