NAME _____ | **DATE** _____

🏠 Finding Equivalent Expressions page 1 of 2

1 Match each fraction expression on the top with an equivalent decimal expression on the bottom.

Fraction Expressions	$\frac{4}{10} + \frac{20}{100}$	$\frac{60}{100} - \frac{1}{10}$	$\frac{4}{100} + \frac{3}{10}$	$\frac{14}{10} + \frac{75}{100}$	$\frac{15}{100} - \frac{1}{10}$	$\frac{14}{100} + \frac{12}{100}$

Decimal Expressions	$0.04 + 0.3$	$1.4 + 0.75$	$0.14 + 0.12$	$0.4 + 0.20$	$0.60 - 0.1$	$0.15 - 0.1$

2 Evaluate each expression. Represent your answer as both a fraction and a decimal.

a $0.60 - 0.25$ **b** $0.70 - 0.55$ **c** $0.2 + 0.05$

d $\frac{40}{100} - \frac{1}{10}$ **e** $\frac{4}{10} + \frac{60}{100}$ **f** $\frac{9}{10} + \frac{30}{100}$

3 Students at Jonah's school can walk or run laps at recess. At the end of each month, the class that has covered the most distance is recognized by the parent group.

a Jonah and Hayley walked $4\frac{1}{3}$ laps around the track yesterday and $3\frac{1}{2}$ laps today. How many laps did they walk together in the last two days? Show your work.

b Jonah ran $1\frac{3}{4}$ laps on Monday, $2\frac{3}{10}$ laps on Tuesday, and $6\frac{1}{5}$ laps on Wednesday. How much farther did he run on Wednesday than on the other two days combined? Show your work.

NAME _____ | DATE _____

Finding Equivalent Expressions page 2 of 2

4 Jonah and Hayley made brownies to bring as a class treat. Some were plain and some had sprinkles. The class ate $\frac{3}{4}$ of one pan and $\frac{1}{6}$ of another pan of the plain brownies. They ate $\frac{5}{6}$ of one pan and $\frac{1}{10}$ of another pan of brownies with sprinkles.

a If the brownie pans were the same size, did the class eat more plain brownies or more brownies with sprinkles?

b How much more? Show your work.

5 **CHALLENGE** A coach took his team out for pizza after their last game. There were 14 players, so they had to sit in smaller groups at different tables. Six players sat at one table and got 4 small pizzas to share equally. The other 8 players sat at a different table and got 6 small pizzas to share equally. Afterwards, one of the players said it wasn't fair because some kids got more pizza than others. Do you agree? Use numbers, words, or labeled sketches to explain your answer.