Directions: Solve each problem below, show your work in the work space. **Set #1**

Problem #1:

It takes Kasey 55 minutes to walk to school. When she starts her route, it takes her 14 minutes to get to the corner where the grocery store is. It takes her another 22 minutes to get to the Post Office. How much longer does she have to get to school without being late?

Answer:

Problem #2:

A trucking company is hired to take 462 glass candles to a gift shop. The gift shop will pay the trucking company a $100 fee, plus $1.50 for every glass candle that is delivered safely. The trucking company must pay the gift shop $4 each for any glass candles that are lost or broken. If two glass candles are lost, four glass candles are broken, and the rest are delivered safely, how much would the trucking company be paid?

Answer:

Problem #3:

No# of Bags	Total Cost
3	$2.40
6	$4.80
9	$7.70
12	$9.60

Small bags of popcorn are sold at the soccer game concession stand. If Jamie wanted to purchase four bags of popcorn for her two parents to share and four bags of popcorn for each of her four brothers and sisters, how much would Jamie spend?
20 Bags of Popcorn

Answer:

Problem #4:

Sam and Dannie went to their grandma's house. They spent $8 for gasoline, $15.65 for their lunch, and $5 apiece for gifts for their Grandma. Grandma gave each of them $10 for helping rake leaves. If the boys originally left home with a total of $50, how much did they have for the return trip?

Answer:

Challenge Problem #5:

Pretend your teacher is going to give your class five minutes of free time for every student who receives a "100" on a test. Based on the number of students in your classroom, how many times would each student in your class have to receive a 100 on a test for your class to get four hours of free time?
Figure out for 24 students.
Answer:

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1 Show the fractions on the strips or clocks. Then add them and report the sum.

	First	Second	Add Them	Sum
a	$\frac{1}{2}$	$\frac{3}{8}$		
b	$\frac{3}{4}$	$\frac{3}{8}$		
c	$\frac{5}{8}$	$\frac{1}{2}$		
d	$\frac{3}{4}$	$\frac{7}{8}$		
e	$\frac{1}{4}$	$\frac{2}{3}$		
f	$\frac{3}{4}$	$\frac{2}{3}$		
g	$\frac{5}{6}$	$\frac{3}{4}$		
h	$\frac{1}{2}$	$\frac{5}{6}$		

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Show your work for each problem using numbers, sketches, or words.

2 Abby and Lauren are preparing for a dance performance. On Monday, they practiced for $\frac{2}{3}$ of an hour. On Tuesday, they practiced for $\frac{5}{6}$ of an hour. How long did they practice on Monday and Tuesday together?

3 On Wednesday, Abby and Lauren could not practice together, so they practiced separately. Abby practiced for $\frac{11}{12}$ of an hour and Lauren practiced for $\frac{2}{3}$ of an hour. How long did they practice on Wednesday?

4 **CHALLENGE** If you are adding two fractions that are both greater than $\frac{1}{2}$, what must be true about the sum? Give three examples to support your thinking.

The sum must be:

5 **CHALLENGE** If you are adding two fractions that are both less than $\frac{1}{2}$, what must be true about the sum? Give three examples to support your thinking.

The sum must be:

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SCORE _____

3	4	10	5	9	1	4	8	9	7
× 12	× 2	× 2	× 9	× 3	× 1	× 10	× 3	× 12	× 3

5	8	12	6	1	6	10	7	8	10
× 8	× 10	× 5	× 9	× 6	× 7	× 10	× 7	× 4	× 3

1	2	4	11	3	12	8	12	4	3
× 7	× 6	× 8	× 2	× 5	× 6	× 7	× 9	× 6	× 8

8	10	3	10	6	5	5	2	2	7
× 8	× 7	× 6	× 4	× 1	× 1	× 4	× 7	× 2	× 2

3	7	7	2	12	11	12	3	4	9
× 7	× 10	× 6	× 11	× 8	× 8	× 10	× 3	× 11	× 11

12	3	10	8	1	5	8	6	9	4
× 3	× 4	× 9	× 11	× 5	× 2	× 9	× 12	× 4	× 7