Unit 7, Station 6, Round 3, Task 3

Solve each problem. Make sure to write your answer as a fraction.

1) A restaurant had 7 days to sell 32 gallons of ice cream before it exp
How much should they sell each day? Which two whole numbers does your answer lie between?

2) A candy maker had a piece of taffy that was 85 inches long. If he chopped it into 8 equal length pieces, how long would each piece be? Which two whole numbers does your answer lie between?

3) A lawn care company had 13 feet of weed eater string. If they wanted to give each of their 6 weed eaters the same amount, how much should they give each one? Which two whole numbers does your answer lie between?

4) Oliver wanted to collect 97 pounds of cans in 10 days. How much should he collect each day to reach his goal? Which two whole numbers does your answer lie between?

5) Dave had collected 14 leaves to feed to his caterpillar collection. If he wanted to split the leaves equally amongst the 4 cages, how much should he put in each cage? Between what two whole numbers does your answer lie?

6) A doctor gave his patient liquid medicine and told him to drink 37 cups over the next 4 days. How much should the patient drink each day? Between what two whole numbers does your answer lie?

7) A blanket shop had 37 feet of fabric. If they wanted to use the fabric to make 6 blankets, each the same length, how long would each one be? Between what two whole numbers does your answer lie?

8) Frank had 23 kilograms of candy. If he wanted to split the candy into 3 bags, how much should be in each bag? Between what two whole numbers does your answer lie?

9) A sub sandwich maker had a sandwich that was 10 meters long. If he wanted to cut the sub into 4 pieces, each the same length, how long would each be? Between what two whole numbers does your answer lie?

10) Downtown, 4 artists were painting a mural that was 43 feet long. If they split the canvas evenly, how much will each artist get to paint? Which two whole numbers does your answer lie between?

1.	$4\frac{4}{7}$	4	5
2.	$10\frac{5}{8}$	10	11
3.	$2\frac{1}{6}$	2	3
4.	$9\frac{7}{10}$	9	10
5.	$3\frac{2}{4}$	3	4
6.	$9\frac{1}{4}$	9	10
7.	$6\frac{1}{6}$	6	7
8.	$7\frac{2}{3}$	7	8
9.	$2\frac{2}{4}$	2	3
10.	$10\frac{3}{4}$	10	11

1-10	90	80	70	60	50	40	30	20	10	0

Unit 7, Station 6, Round 3, Task 3

Solve each problem.Answer as a mixed number (if possible).

1) An air freshener used $4\frac{1}{2}$ milliliters of perfume. If Tiffany wanted to make 2 air fresheners, how many milliliters of perfume would she use?

2) A single box of thumb tacks weighed $3\frac{3}{9}$ ounces. If a teacher had $2\frac{4}{9}$ boxes, how much would their combined weight be?

3) Jerry ran 2 miles on his first day of training. The next day he ran $\frac{1}{2}$ that distance. How far did he run the second day?

4) For Halloween $\frac{3}{7}$ of the candy sold was chocolate. Of the chocolate candy sold $\frac{1}{3}$ was made by Nestle. What fraction of all the candy sold was chocolate and made by Nestle?

5) A full truck weighed $2\frac{4}{7}$ tons. If the truck was only $\frac{2}{3}$ full, how much would it weigh?

6) Nancy needed $2\frac{2}{3}$ feet of thread to finish a pillow she was making. If she has 2 times as much thread as she needs, what is the length of the thread she has?

7) A baby frog weighed $3\frac{4}{7}$ ounces. After a month it was $4\frac{3}{7}$ times as heavy, how much did the frog weigh after a month?

8) Roger stacked 4 pieces of wood on top of one another. If each piece was $\frac{2}{5}$ of a foot tall, how tall was his pile?

9) Over the summer Oliver grew $\frac{8}{9}$ of an inch taller. Paige also got taller, but she only grew $\frac{7}{9}$ of the amount Oliver grew. What fraction of an inch did Paige grow?

10) A box of markers weighed $4\frac{5}{8}$ ounces. If a teacher took out $\frac{1}{2}$ of the markers, what is the weight of the markers she took out?

11) Luke had a lump of play doh that was $2\frac{1}{3}$ inches long. If he stretched it out to 3 times its current length how long would it be?

12) A doctor told his patient to drink 4 full cups and $\frac{5}{9}$ of a cup of medicine over a week. If each full cup was $3\frac{1}{2}$ pints, how much is he going to drink over the week?

1. 9
2. $8\frac{12}{81}$
3. 1
4. $0\frac{3}{21}$
5. $1\frac{15}{21}$
6. $5\frac{1}{3}$
7. $15\frac{40}{49}$
8. $1\frac{3}{5}$
9. $0\frac{56}{81}$
10. $2\frac{5}{16}$
11. 7
12. $15\frac{17}{18}$

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								