Unit 7, Station 6, Round 1, Task 3

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

**1)** Henry wanted to collect 65 pounds of cans in 7 days. How much sh collect each day to reach his goal? Which two whole numbers does your answer lie between?

**2)** John had 56 kilograms of candy. If he wanted to split the candy into 6 bags, how much should be in each bag? Between what two whole numbers does your answer lie?

**3)** A doctor gave his patient liquid medicine and told him to drink 85 cups over the next 10 days. How much should the patient drink each day? Between what two whole numbers does your answer lie?

**4)** A pet store had 3 cats. If they wanted to split 17 ounces of cat food amongst them, how much should each cat get? Between what two whole numbers does your answer lie?

**5)** A candy maker had a piece of taffy that was 56 inches long. If he chopped it into 6 equal length pieces, how long would each piece be? Which two whole numbers does your answer lie between?

**6)** A restaurant had 10 days to sell 108 gallons of ice cream before it expired. How much should they sell each day? Which two whole numbers does your answer lie between?

**7)** A teacher had 72 packages of paper she wanted to split equally into 10 piles. How much should be in each pile? Between what two whole numbers does your answer lie?

**8)** A store had 25 liters of liquid cheese. If they wanted to use it all over the course of 7 days, how much should they use each day? Between what two whole numbers does your answer lie?

**9)** A relay race team had 5 members. Total they ran 36 miles, with each member running the same distance. How far did each member have to run? Between what two whole numbers does your answer lie?

**10)** Faye had 106 pixie sticks that she wants to make last 10 days. How much can she eat each day so that they'll last her 10 days? Between what two whole numbers does your answer lie?

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



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

Unit 7, Station 6, Round 1, Task 3

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

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

**2)** Maria had 4 full cement blocks and one that was $\frac{5}{9}$ the normal size. If each full block weighed $3\frac{8}{9}$ pounds, what is the weight of the blocks Maria has?

**3)** Robin bought a bunch of packages of gum at the gas station and ate $\frac{1}{7}$ of a package each week. How much would she have eaten after 4 weeks?

**4)** Jerry filled a pitcher up $\frac{1}{3}$ full then poured $\frac{5}{7}$ of the pitcher into a glass. What fraction of the total pitcher did he pour into the glass?

**5)** A bag of pistachios is $2\frac{1}{4}$ ounces. If you have $\frac{4}{5}$ of a bag, how many ounces does it weigh?

**6)** A glass of lemonade took $2\frac{1}{2}$ scoops of sugar to make. If you wanted to make 3 glasses, how many scoops of sugar would you need?

**7)** A bottle of sugar syrup soda had $4\frac{1}{3}$ grams of sugar in it. If Tom drank 3 full bottles and $\frac{7}{9}$ of a bottle, how many grams of sugar did he drink?

**8)** A chef cooked 4 kilograms of mashed potatoes for a dinner party. If the guests only ate $\frac{1}{6}$ of the amount he cooked, how much did they eat?

**9)** On Monday Billy picked up $\frac{1}{2}$ of a pound of cans to recycle. On Tuesday he picked up $\frac{6}{7}$ that amount. How many pounds did Billy pick up on Tuesday?

**10)** An old wooden post was $3\frac{3}{4}$ feet long. If you were to cut off $\frac{2}{6}$ of it, how much would you have cut off?

**11)** An air freshener used $3\frac{1}{8}$ milliliters of perfume. If Amy wanted to make 2 air fresheners, how many milliliters of perfume would she use?

**12)** Gwen can read $2\frac{7}{9}$ pages of a book in a minute. If she read for $4\frac{5}{6}$ minutes, how much would she have read?

1. $7\frac{1}{2}$
2. $17\frac{58}{81}$
3. $0\frac{4}{7}$
4. $0\frac{5}{21}$
5. $1\frac{16}{20}$
6. $7\frac{1}{2}$
7. $16\frac{10}{27}$
8. $0\frac{4}{6}$
9. $0\frac{6}{14}$
10. $1\frac{6}{24}$
11. $6\frac{2}{8}$
12. $13\frac{23}{54}$



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