Name Date

Complete the table 1.

Complete the table.	
Mass	
kg	g
1	1,000
6	6,000
8	8,000
15	15,006
24	24,000
550	550,000

2. Find the equivalent measures.

a.
$$2 \text{ kg}$$
 $700 \text{ g} = \frac{2,700}{3} \text{ g}$

b.
$$5 \text{ kg} \quad 945 \text{ g} = \frac{5,945}{} \text{g}$$

c.
$$29 \text{ kg}$$
 58 g = 29.058 g

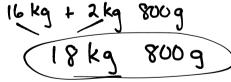
d.
$$31 \, \text{kg}$$
 $3 \, \text{g}$ = $31,003$ g

3. Solve.

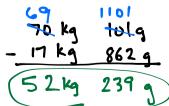
c. Express the answer in the smaller unit: 27 kg 547g + 694 g =

e. Express the answer in mixed units:

d. Express the answer in the smaller unit: 16 kg + 2,800 g =



f. Express the answer in mixed units: 70 kg 101 g - 17 kg 862 g =





Lesson 2:

Date:

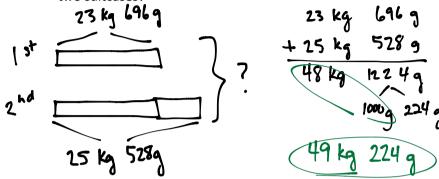
Express metric mass measurements in terms of a smaller unit; model and solve addition and subtraction word problems involving metric mass.

7/3/13

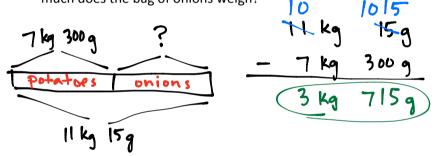


Directions: Use a tape diagram to model each problem. Solve using a simplifying strategy or an algorithm and write your answer as a statement.

4. One suitcase weighs 23 kg 696 g. Another suitcase weighs 25 kg 528 g. What is the total weight of the two suitcases?



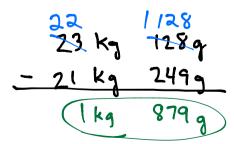
5. A bag of potatoes and a bag of onions weigh 11 kg 15 g. If the bag of potatoes weighs 7 kg 300 g, how much does the bag of onions weigh?



6. The table below shows the weight of three dogs.

Student	Weight
Lassie	21 kg 249 g
Riley	23 kg 128 g
Fido	21,268 g 21 kg 268
	- O

What is the weight difference between the heaviest and lightest dog?



7/3/13



Lesson 2:

Express metric mass measurements in terms of a smaller unit; model and solve addition and subtraction word problems involving metric mass.