

Name _____

Date _____

1. Complete the table.

Mass	
kg	g
1	1,000
6	
	8,000
15	
	24,000
550	

2. Find the equivalent measures.

a. 2 kg 700 g = _____ g

b. 5 kg 945 g = _____ g

c. 29 kg 58 g = _____ g

d. 31 kg 3 g = _____ g

e. 66,597 g = _____ kg _____ g

f. 270 kg 41 g = _____ g

3. Solve.

a. 370 g + 80 g =

b. 5 kg – 730 g =

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

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

e. Express the answer in mixed units:
4 kg 229 g – 355 g =

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

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

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