

Name _____

Date _____

1. Complete the conversion table.

Mass	
kg	g
1	1,000
3	3000
4	4,000
17	17,000
20	20,000
300	300,000

2. Convert the measurements.

a. $1 \text{ kg } 500 \text{ g} = \underline{1500} \text{ g}$

b. $3 \text{ kg } 715 \text{ g} = \underline{3715} \text{ g}$

c. $17 \text{ kg } 84 \text{ g} = \underline{17,084} \text{ g}$

d. $25 \text{ kg } 9 \text{ g} = \underline{25,009} \text{ g}$

e. $\underline{7} \text{ kg } \underline{481} \text{ g} = \underline{\hspace{1cm}} \text{ g}$

f. $210 \text{ kg } 90 \text{ g} = \underline{210,090} \text{ g}$

3. Solve.

a. $3,715 \text{ g} - 1,500 \text{ g}$

2215g

b. $1 \text{ kg} - 237 \text{ g}$

763g

c. Express the answer in the smaller unit:
 $25 \text{ kg } 9 \text{ g} + 24 \text{ kg } 991 \text{ g}$

$50,000 \text{ g}$

d. Express the answer in the smaller unit:
 $27 \text{ kg } 650 \text{ g} - 20 \text{ kg } 990 \text{ g}$

6660 g

e. Express the answer in mixed units:
 $14 \text{ kg } 505 \text{ g} - 4,288 \text{ g}$

$10\text{kg } 217\text{g}$

f. Express the answer in mixed units:
 $5 \text{ kg } 658 \text{ g} + 57,481 \text{ g}$

$108\text{kg } 139 \text{ g}$

Name _____

Date _____

1. Complete the conversion table.

Mass	
kg	g
1	1,000
6	6000
8	8,000
15	15,000
24	24,000
550	550,000

2. Convert the measurements.

a. $2 \text{ kg } 700 \text{ g} = \underline{2700} \text{ g}$

b. $5 \text{ kg } 945 \text{ g} = \underline{5945} \text{ g}$

c. $29 \text{ kg } 58 \text{ g} = \underline{29,058} \text{ g}$

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

e. $66,597 \text{ g} = \underline{66} \text{ kg } \underline{597} \text{ g}$

f. $270 \text{ kg } 41 \text{ g} = \underline{270,041} \text{ g}$

3. Solve.

a. $370 \text{ g} + 80 \text{ g}$

450 g

b. $5 \text{ kg} - 730 \text{ g}$

$4,270 \text{ g}$

c. Express the answer in the smaller unit:

$27 \text{ kg } 547 \text{ g} + 694 \text{ g}$

$28,241 \text{ g}$

d. Express the answer in the smaller unit:

$16 \text{ kg} + 2,800 \text{ g}$

$18,800 \text{ g}$

e. Express the answer in mixed units:

$4 \text{ kg } 229 \text{ g} - 355 \text{ g}$

$3 \text{ kg } 874 \text{ g}$

f. Express the answer in mixed units:

$70 \text{ kg } 101 \text{ g} - 17 \text{ kg } 862 \text{ g}$

$52 \text{ kg } 239 \text{ g}$