Converting Units of Mass

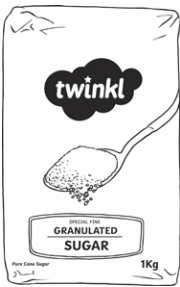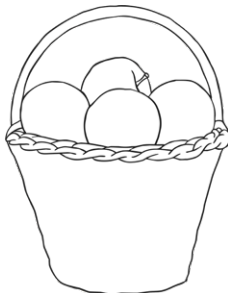I can convert between units of mass.

1. Convert these measurements from grams to kilograms:

a) 6000g = kg	b) 4000g = kg
c) 2000g = kg	d) 9000g = kg
e) 10 000g = kg	f) 1000g = kg
g) 5000g = kg	h) 7000g = kg
i) 3000g = kg	j) 8000g = kg

2. State, in grams, the mass of the following:

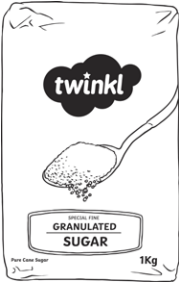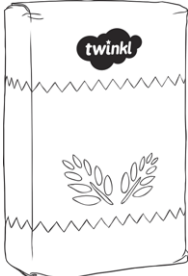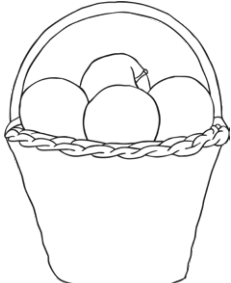|		
sugar 1kg	flour 2kg	apples 3kg
a) 2 bags of flour _____g	b) 3 bags of sugar _____g	c) 2 baskets of apples _____g
d) 1 bag of flour and 2 bags of sugar _____g	e) 1 basket of apples and 2 bags of flour _____g	f) 2 bags of sugar and 3 baskets of apples _____g

Converting Units of Mass **Answers**

1. Convert these measurements from grams to kilograms:

a) 6000g = **6**kg	b) 4000g = **4**kg
c) 2000g = **2**kg	d) 9000g = **9**kg
e) 10 000g = **10**kg	f) 1000g = **1**kg
g) 5000g = **5**kg	h) 7000g = **7**kg
i) 3000g = **3**kg	j) 8000g = **8**kg

2. State, in grams, the mass of the following:

sugar 1kg	flour 2kg	apples 3kg
a) 2 bags of flour **4000**g	b) 3 bags of sugar **3000**g	c) 2 baskets of apples **6000**g
d) 1 bag of flour and 2 bags of sugar **4000**g	e) 1 basket of apples and 2 bags of flour **7000**g	f) 2 bags of sugar and 3 baskets of apples **11 000**g

Converting Units of Mass
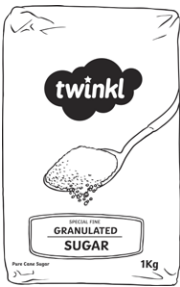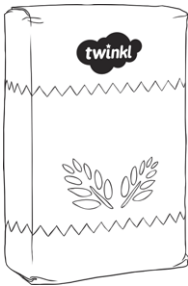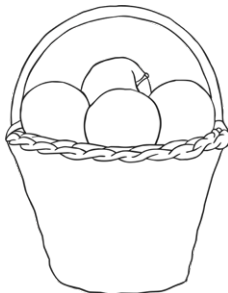
I can convert between units of mass.

1. Convert these measurements from kilograms into grams:

a) 3kg = _____ g	b) 5kg = _____ g
c) 6kg = _____ g	d) 7kg = _____ g
e) 8kg = _____ g	f) 1kg = _____ g
g) 10kg = _____ g	h) 9kg = _____ g
i) 2kg = _____ g	j) 4kg = _____ g

2. State, in grams, the mass of the following:

sugar 1kg	flour 2kg	apples 3kg
a) 3 bags of flour _____g	b) 2 bags of sugar _____g	c) 3 baskets of apples _____g
d) 2 bags of flour and 3 bags of sugar _____g	e) 2 baskets of apples and 3 bags of sugar _____g	f) 4 bags of sugar and 3 baskets of apples _____g

3. Convert these measurements into kilograms and grams:

a) 2500g _____kg _____g	b) 3250g _____kg _____g	c) 6300g _____kg _____g
d) 6800g _____kg _____g	e) 1900g _____kg _____g	f) 7200g _____kg _____g
g) 8750g _____kg _____g	h) 7100g _____kg _____g	i) 5600g _____kg _____g
j) 1105g _____kg _____g	k) 4950g _____kg _____g	l) 3020g _____kg _____g

Converting Units of Mass **Answers**

1. Convert these measurements from kilograms into grams:

a) 3kg = **3000**g	b) 5kg = **5000**g
c) 6kg = **6000**g	d) 7kg = **7000**g
e) 8kg = **8000**g	f) 1kg = **1000**g
g) 10kg = **10 000**g	h) 9kg = **9000**g
i) 2kg = **2000**g	j) 4kg = **4000**g

2. State, in grams, the mass of the following:

a) 3 bags of flour	b) 2 bags of sugar	c) 3 baskets of apples
6000g	**3000**g	**9000**g
d) 2 bags of flour and 3 bags of sugar	e) 2 baskets of apples and 3 bags of sugar	f) 4 bags of sugar and 3 baskets of apples
7000g	**9000**g	**13 000**g

3. Convert these measurements into kilograms and grams:

a) 2500g	b) 3250g	c) 6300g
2kg **500**g	**3**kg **250**g	**6**kg **300**g
d) 6800g	e) 1900g	f) 7200g
6kg **800**g	**1**kg **900**g	**7**kg **200**g
g) 8750g	h) 7100g	i) 5600g
8kg **750**g	**7**kg **100**g	**5**kg **600**g
j) 1105g	k) 4950g	l) 3020g
1kg **105**g	**4**kg **950**g	**3**kg **20**g

Converting Units of Mass

I can convert between units of mass.

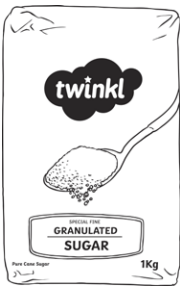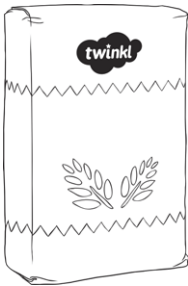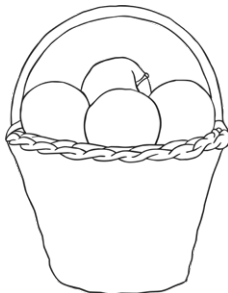1. Convert these measurements into grams or kilograms and grams:

a) 5kg = g	b) 2750g = kg g
c) 6320g = kg g	d) 9kg = g
e) 7kg = g	f) 1005g = kg g
g) 8090g = kg g	h) 4kg = g
i) 8kg = g	j) 2755g = kg g

2. State, in grams, the mass of the following:

sugar 1kg	flour 2.5kg	apples 3kg
a) 3 bags of flour	b) 2 bags of sugar	c) 2 baskets of apples
_____g	_____g	_____g
d) 1 bag of flour and 3 baskets of apples	e) 2 bags of flour and 4 baskets of apples	f) 3 bags of sugar, 2 bags of flour and 2 baskets of apples
_____g	_____g	_____g

Converting Units of Mass

3. Convert these measurements into kilograms and grams or grams:

a) 7100g _____kg _____g	b) 2kg 350g _____g	c) 8440g _____kg _____g
d) 4kg 800g _____g	e) 8kg 295g _____g	f) 8210g _____kg _____g
g) 9070g _____kg _____g	h) 6101g _____kg _____g	i) 5kg 380g _____g
j) 9225g _____kg _____g	k) 10kg 654g _____g	l) 8203g _____kg _____g

4. Order these mass measurements from the lightest to the heaviest:

4kg 350g	7150g	2kg 650g	1380g
450g	11kg	3kg 270g	2002g

a)_____ b)_____ c)_____ d)_____

e)_____ f)_____ g)_____ h)_____

Converting Units of Mass **Answers**

1. Convert these measurements into grams or kilograms and grams:

a) 5kg = **5000**g	b) 2750g = **2**kg **750**g
c) 6320g = **6**kg **320**g	d) 9kg = **9000**g
e) 7kg = **7000**g	f) 1005g = **1**kg **5**g
g) 8090g = **8**kg **90**g	h) 4kg = **4000**g
i) 8kg = **8000**g	j) 2755g = **2**kg **755**g

2. State, in grams, the mass of the following:

a) 3 bags of flour	b) 2 bags of sugar	c) 2 baskets of apples
7500g	**2000**g	**6000**g
d) 1 bag of flour and 3 baskets of apples	e) 2 bags of flour and 4 baskets of apples	f) 3 bags of sugar, 2 bags of flour and 2 baskets of apples
11 500g	**17 000**g	**14 000**g

3. Convert these measurements into kilograms and grams or grams:

a) 7100g	b) 2kg 350g	c) 8440g
7kg **100**g	**2350**g	**8**kg **440**g
d) 4kg 800g	e) 8kg 295g	f) 8210g
4800g	**8295**g	**8**kg **210**g
g) 9070g	h) 6101g	i) 5kg 380g
9kg **70**g	**6**kg **101**g	**5380**g
j) 9225g	k) 10kg 654g	l) 8203g
9kg **225**g	**10 654**g	**8**kg **203**g

4. Order these mass measurements from the lightest to the heaviest:

a) **450g**   b) **1380g**   c) **2002g**   d) **2kg 650g**

e) **3kg 270g**   f) **4kg 350g**   g) **7150g**   h) **11kg**