

Name:

Date:

30

total marks

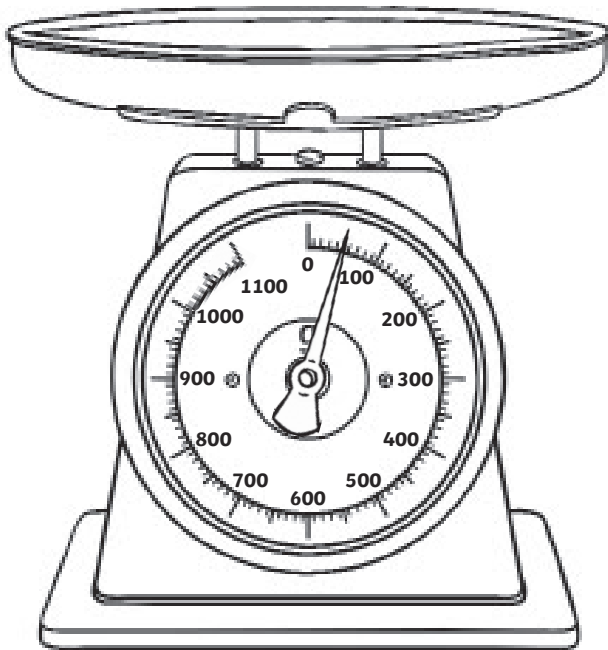
Year 5 Mass Assessment

I can use scaled instruments to measure and compare masses to the nearest gram (ACMMG084)

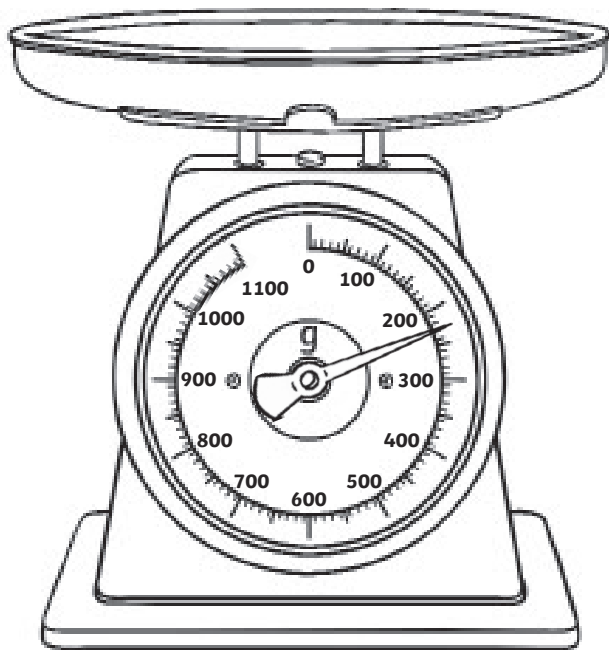
I can choose appropriate units of measurement for mass (ACMMG108)

1. Record the weights in kilograms on the scale.

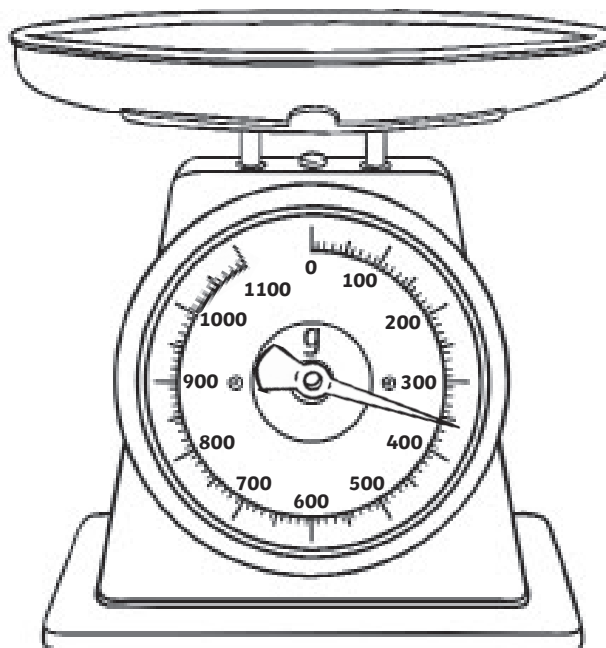
a)



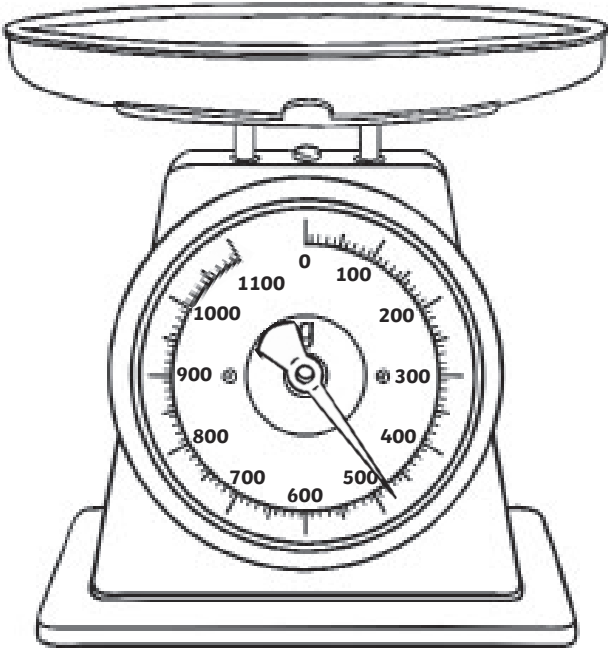
b)



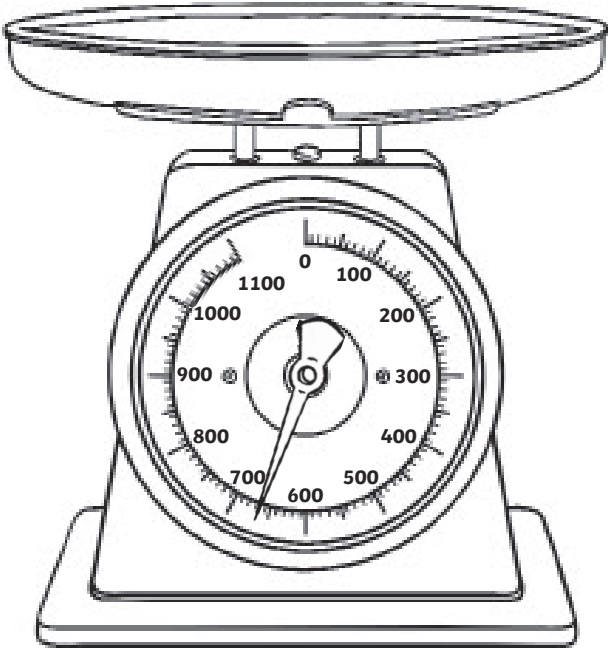
c)



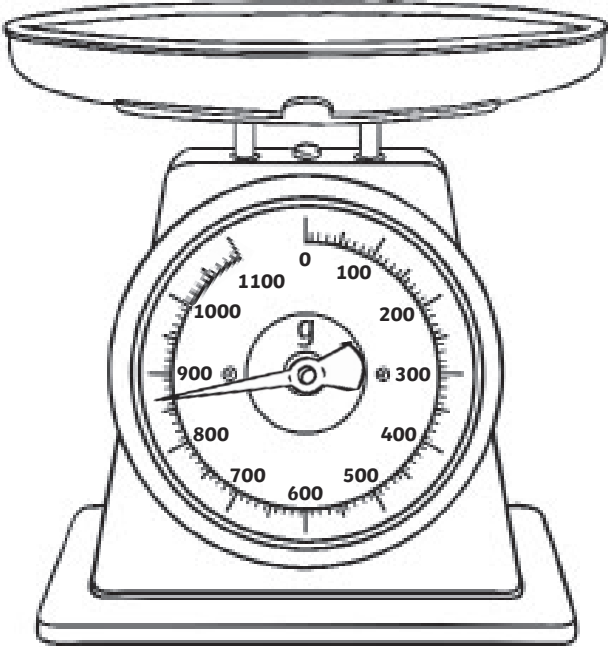
d)



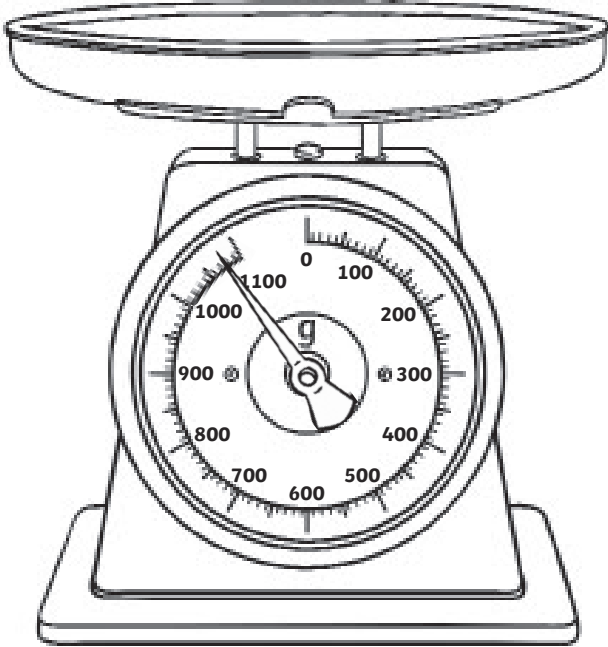
e)



f)



g)



.....

.....

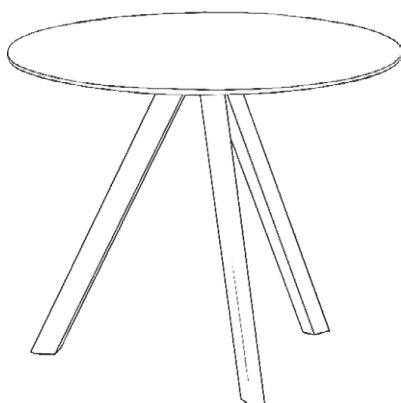
7 marks

total for
this page

2. Estimate the weight of these objects.



a)



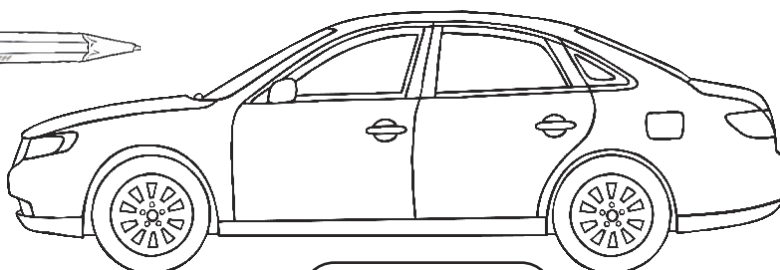
b)



c)



d)



e)

5 marks

3. Now order these objects from lightest (1) to heaviest (5)

[1]	[2]	[3]	[4]	[5]

5 marks

total for this page

4. Name something that weighs about:

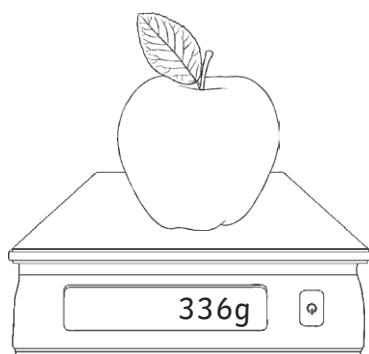
a) 10 grams

b) 100 grams

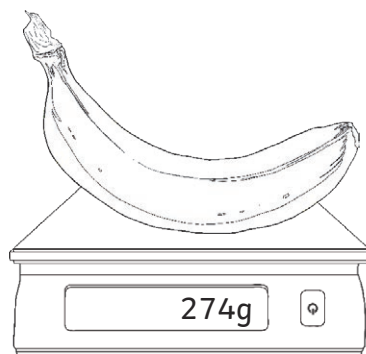
c) 1 kilogram

d) 10 kilograms

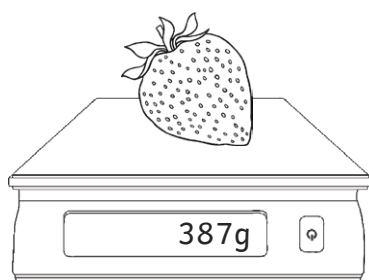
4 marks

5. If you are going shopping and want to buy as close as you can to 2kg of each of these fruits, how many should you buy?

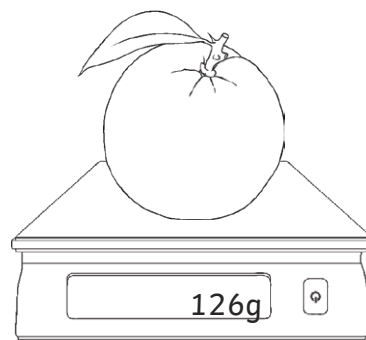
a)



b)



c)



d)

4 marks

total for
this page

6. Use the following numbers to fill in the approximate weight of each object:

600 160 60 6000

- a) The basketball weighs _____ g
- b) The tennis ball weighs _____ g
- c) The cricket ball weighs _____ g
- d) The bowling ball weighs _____ g

4 marks

7. What is something you are curious to learn about measuring mass? Take this question as an opportunity to clear up something you're not sure about or throw your teacher an oddball question!

1 marks

END OF TEST

total for this page

Question	Answer	Marks
1. Record the weights in grams on the scale.		7 Marks
a) 50 grams		1
b) 230 grams		1
c) 360 grams		1
d) 480 grams		1
e) 670 grams		1
f) 870 grams		1
g) 1080 grams		1
2. Estimate the weight of these objects:		5 Marks
a) Picture of chair approximately 5kg		1
b) Picture of table approximately 20kg		1
c) Picture of mug approximately 400 grams		1
d) Picture of pencil approximately 7 grams		1
e) Picture of car approximately 1.5 tonnes or 1500kg		1
3. Now order these objects from lightest (1) to heaviest (5)		5 Marks
1) Pencil (d)		1
2) Mug (c)		1
3) Chair (a)		1
4) Table (b)		1
5) Car (e)		1

4. Name something that weighs about:			4 Marks
a)	10 grams- answers will vary but may include a pencil or 2 sheets of paper		1
b)	100 grams- answers will vary but may include a spoon or box of paperclips		1
c)	1 kilogram- answers will vary but may include a book or water bottle		1
d)	10 kilograms - answers will vary but may include a bowling ball or bucket of water.		1
5. If you are going shopping and want to buy as close as you can to 2kg of each of these fruits, how many should you buy?			4 Marks
a)	Picture of an apple on a digital scale reading 336 grams - 6		1
b)	Picture of a banana on a digital scale reading 274 grams - 7		1
c)	Picture of an orange on a digital scale reading 387 grams- 5		1
d)	Picture of an strawberry on a digital scale reading 126 grams - 16		1
6. Use the following numbers to fill in the approximate weight of each object: 600 160 60 6000			4 Marks
a)	The basketball weighs 600g		1
b)	The tennis ball weighs 60g		1
c)	The cricket ball weighs 160g		1
d)	The bowling ball weighs 6000g		1
7. What is something you are curious to learn about measuring mass? Take this question as an opportunity to clear up something you're not sure about or throw your teacher an oddball question!			1 Mark
	Answers will vary		1