

RECALL (1) – GRAMS OR KILOGRAMS

3 BEFORE ME



1000 grams (g) make 1 kilogram (kg). 2000 grams (g) make 2 kilograms (kg).

Light things are measured in grams. Heavy things are measured in kilograms.

Underneath each object, write whether it should be measured in grams (g) or kilograms (kg).

					
ladybird	dog	pillow	table	PS4 controller	flower
	kilograms (kg)	grams (g)			
					
cereal	sofa	car	I Phone	bunkbed	beach ball



I wonder, as objects get bigger, do they always get heavier?



Yes, because big things are heavy.

Not always...because a large beach ball is lighter than a small golf ball.



LO: I CAN FIND EQUIVALENT WEIGHTS (GRAMS / KILOGRAMS).

Page

Success Criteria

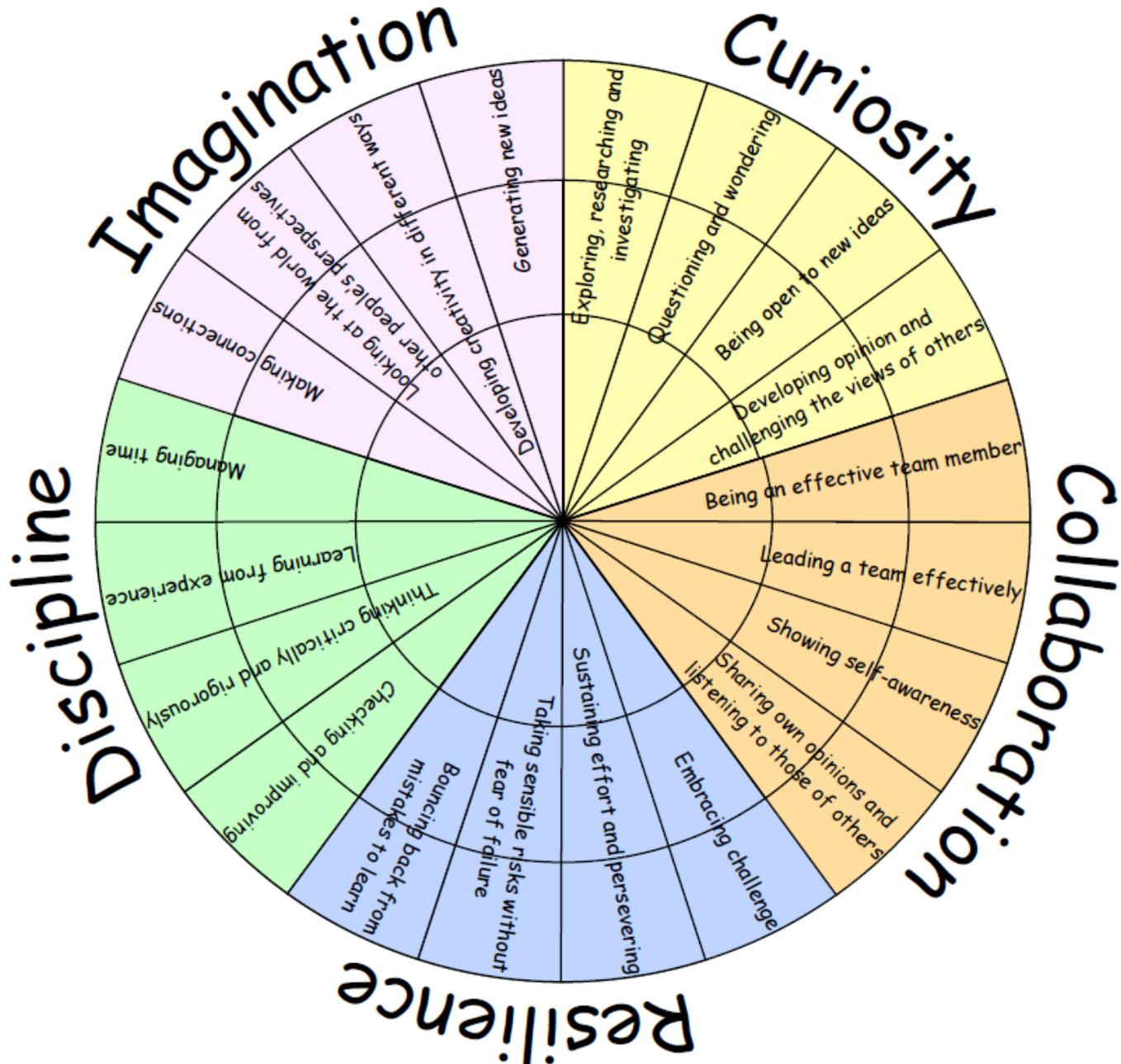
Some will even begin to convert kg into g.

Some will draw the dial to show kg on the scales.

Most will read kg on scales.

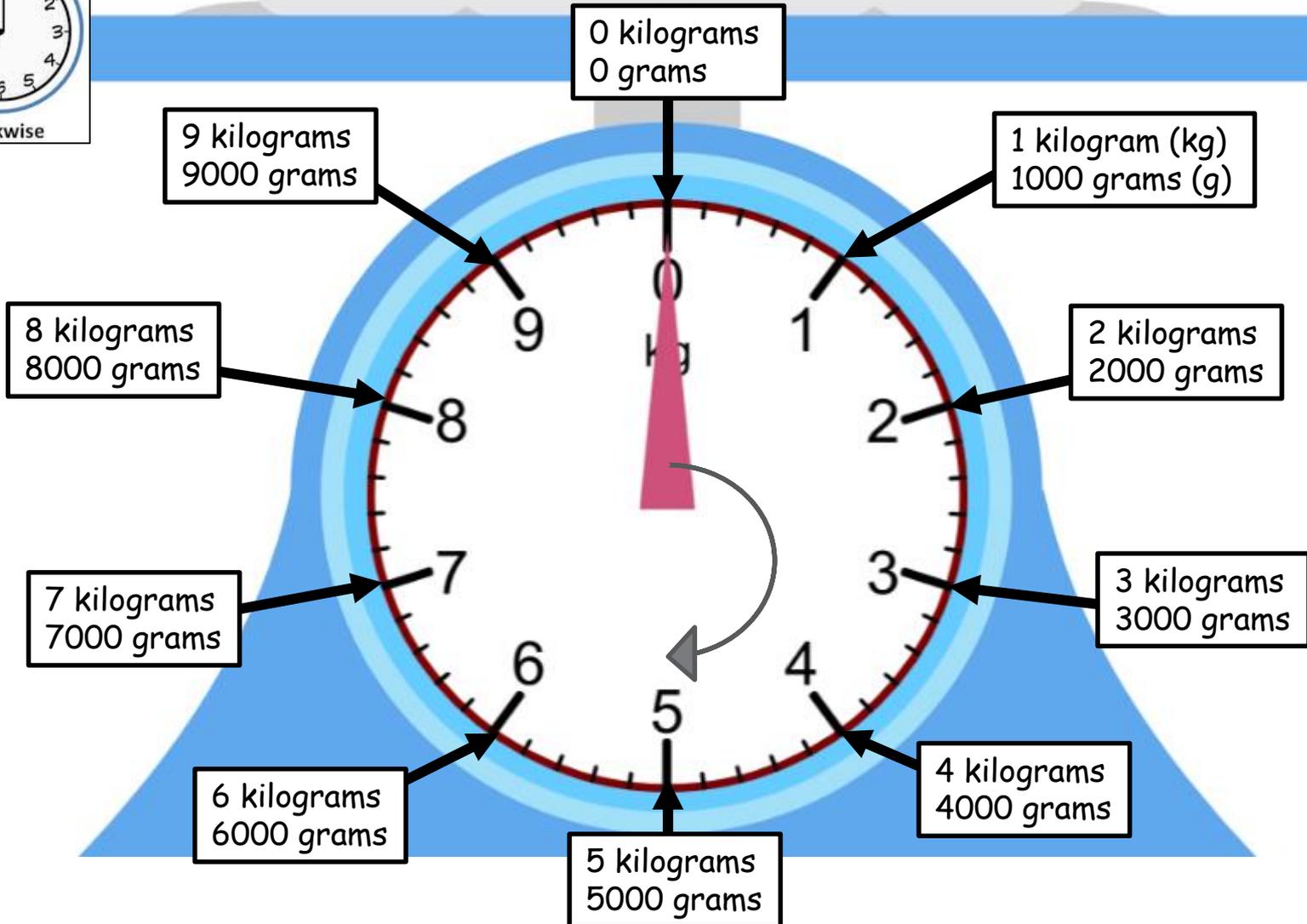
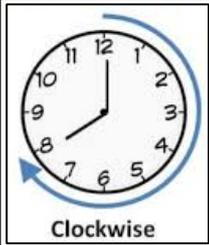
All will know kg is heavier than g.

LEARNING HABITS?



GUIDED PRACTICE (1)

Here are some kitchen scales that can be used to measure the weight (mass) of heavier objects. This scale measures in kilograms (kg). The dial moves around clockwise as the weight gets heavier.



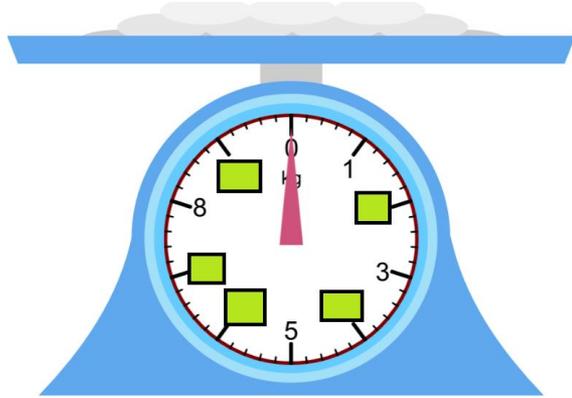
INTELLIGENT PRACTICE

3 BEFORE ME

Use your weighing scales. It is just a number line.



This scale shows kilograms.
Fill in the missing kilograms on the scale.



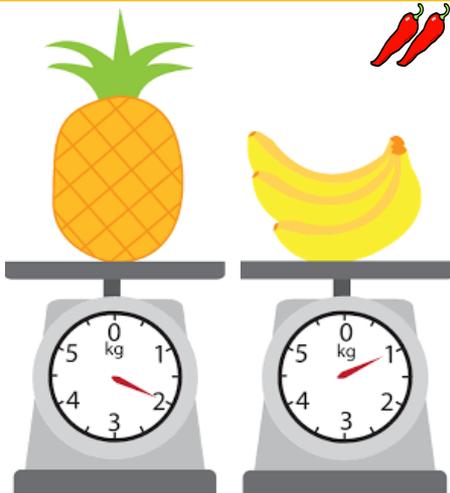
The pineapple weighs ____ kg.

The bananas weigh ____ kg.

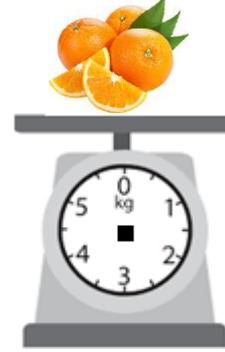
The _____ is lighter than the _____.

The _____ is heavier than the _____.

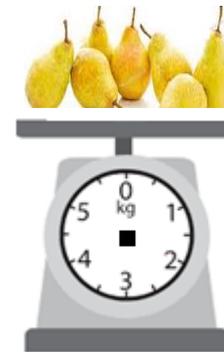
Use the symbols < > or = to compare them.



Draw the dial on the scales to show the correct weight in kg.



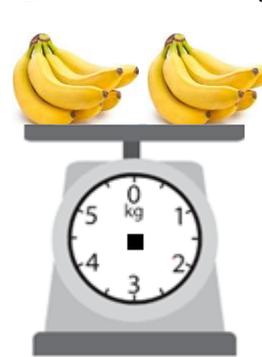
(1kg)



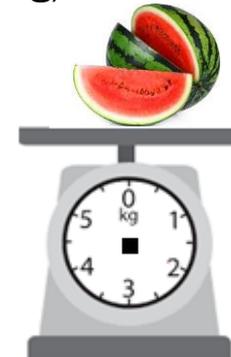
(2kg)



(3kg)



(4kg)



(5kg)

Convert the weights of these fruits from kg to g.



Kilograms (kg)	Grams (g)
1 kg	1000 g
2 kg	g
3 kg	g
4 kg	g
5 kg	g

DIVE DEEPER 1

1 Complete the sentences below using two of these words.

kilometres kilograms centimetres grams

Heavy items are measured in _____.

Lighter objects can be measured in _____.

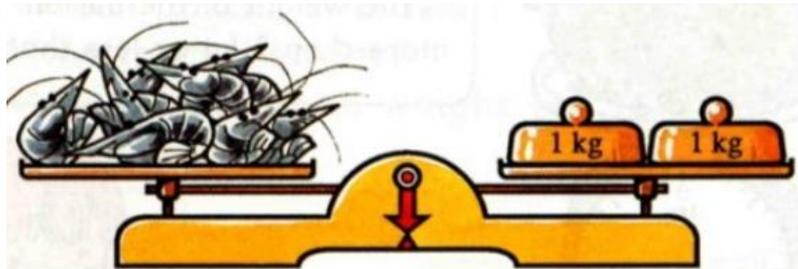
2 Complete the sentences below using two of these measurement symbols.

£ p l ml kg g cm m

Heavy items are measured in _____.

Lighter objects can be measured in _____.

3 These scales are perfectly balanced.
What is the mass of the prawns?



4 The newspapers weigh _____.

Tick one.

1kg

100g

3kg

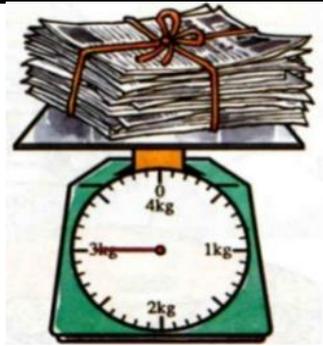
300g

2kg

200g

4kg

400g



5 Is the papaya heavier than 1 kg or lighter than 1 kg?



The papaya is _____ than 1kg.

Is the mass of the durian more than 2 kg or less than 2 kg?

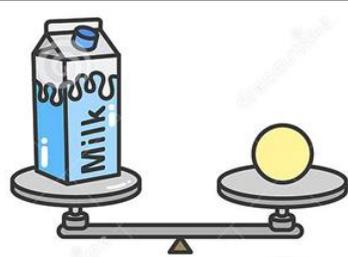


The durian is _____ than 2kg.

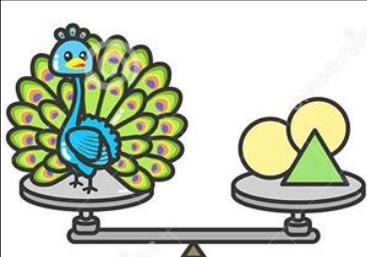
DIVE DEEPER 2

1 How much do these objects weigh?

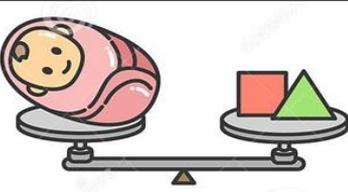
 : 5kg  : 1 kg.  : 3 kg.



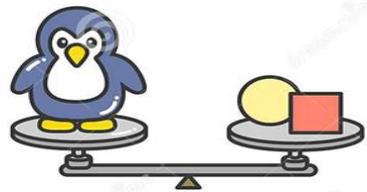
Weight kg.



Weight kg.

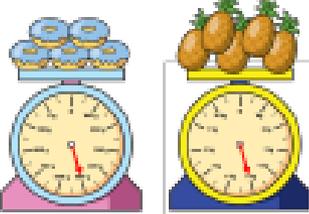


Weight kg.

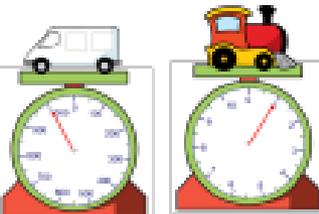


Weight kg.

2 Use the symbols < > or = to compare.



500 g 5 kg



1000 g 1 kg

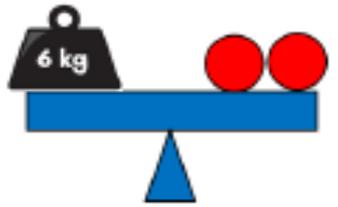
3 The scales are perfectly balanced.
On the left, there are four 4 tins.



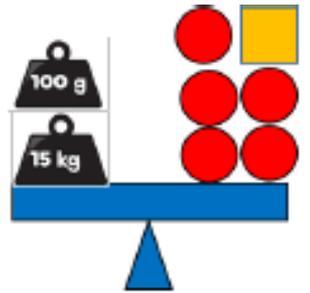
On the right, there is a 2kg, 1kg and 1kg weight.

How much does each tin weigh?

4 These scales balance.
How much is each  worth?



Here is another set of scales.
On the left, there is 15kg and 100g.



How much is the  worth?

Explain your reasoning.

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