Dear Parents/Carers,
This powerpoint takes the children through the learning sequence. If possible please talk through the slides with your child and check their understanding. The slides start at a basic level to re-cap previous learning.

Mass, Capacity and Temperature
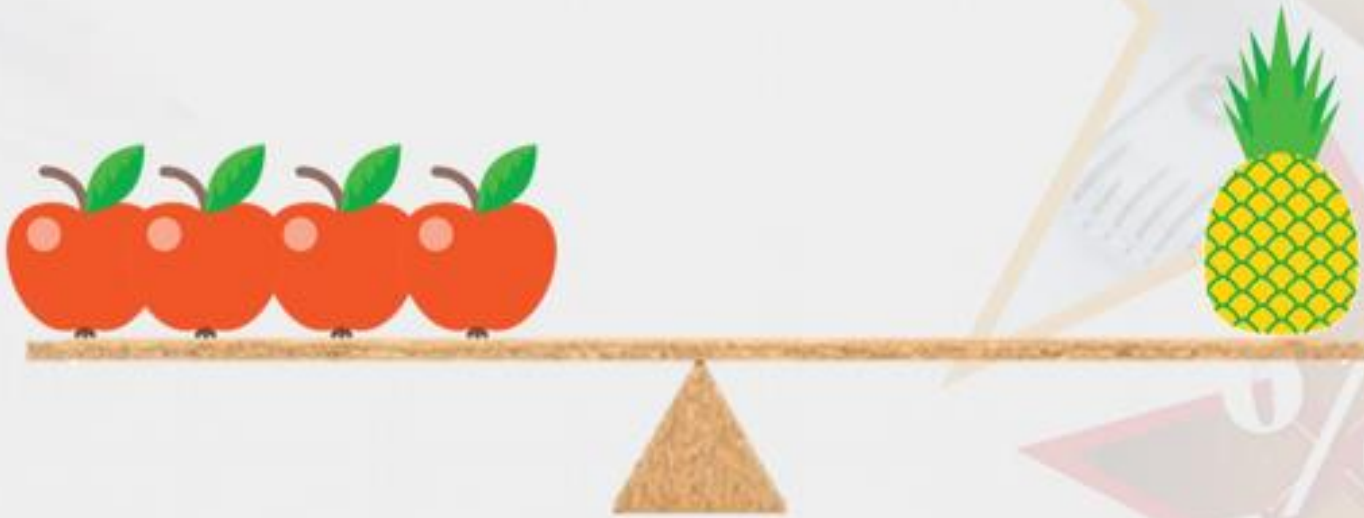
5.5.20

5.5.20

LO: I can measure mass

Starter

Sasha is using scales to measure mass.

The pineapple weighs 60g.
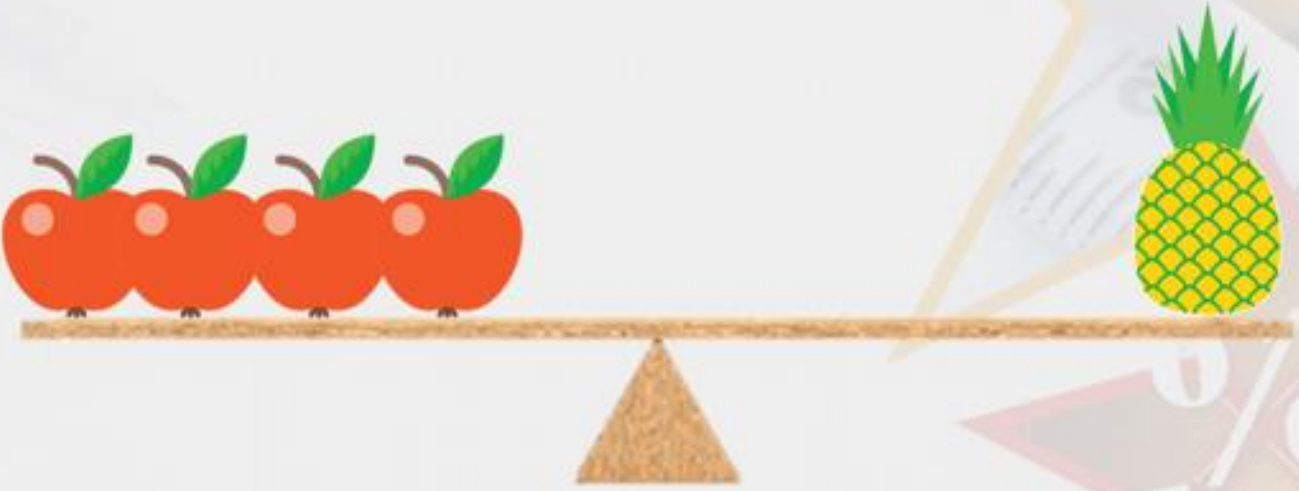
How much does one apple weigh?

Discuss with an adult.

$4 \times ?g = 60g$
$60g$ divided by $4 = ?g$

Starter - answer

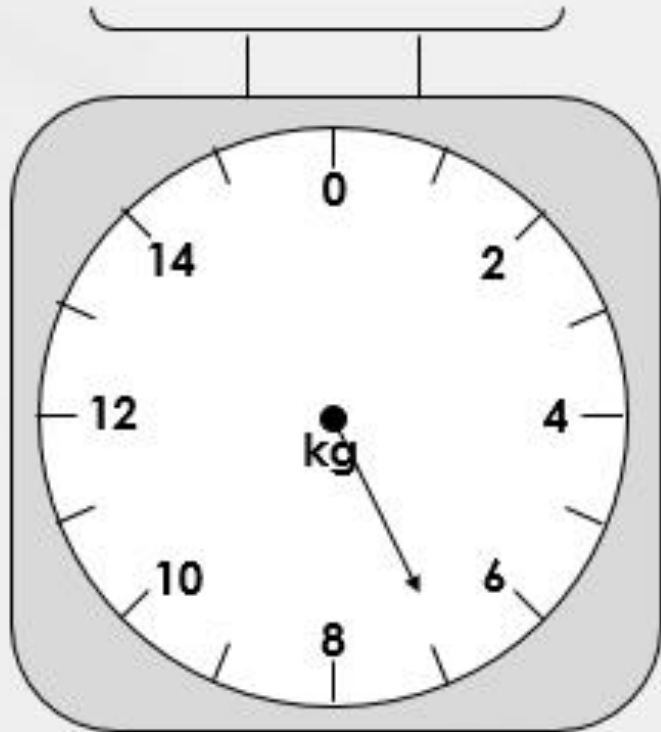Sasha is using scales to measure mass.

The pineapple weighs 60g.

15g

How much does one apple weigh?

15kg

4 x 15g = 60g
60g divided by 4 = 15g

Descriptive Teaching

Tick if the statement is true or false.
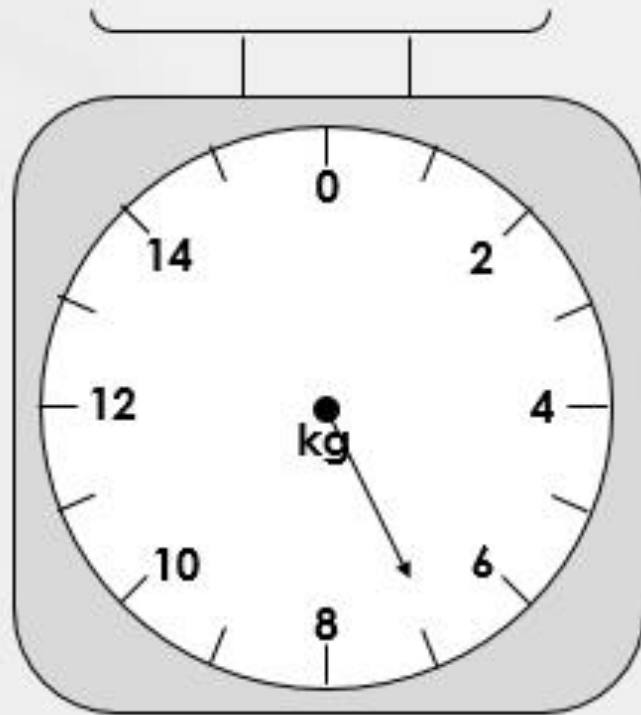
The scale reads less than 6kg

True

False

Tell an adult your answer and explain why.

Descriptive Teaching - Answer

Tick if the statement is true or false.
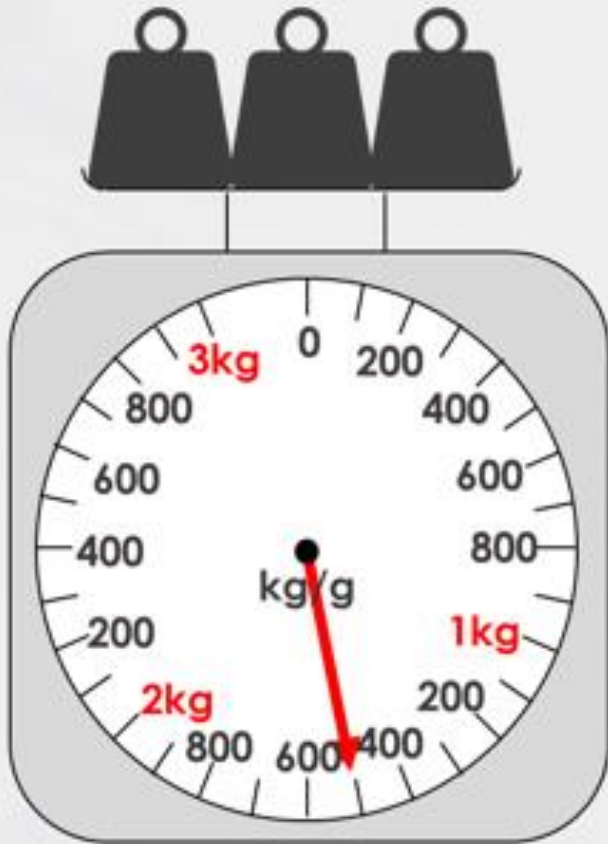
The scale reads less than 6kg

True

False ✓

False. It reads 7kg which is more than 6kg.

Descriptive Doing

What mass is shown on the scales?

[ ] kg [ ] g

There are 1000g in 1kg.

Look closely at the scale. It has gone past 1kg but not quite at 2kg.
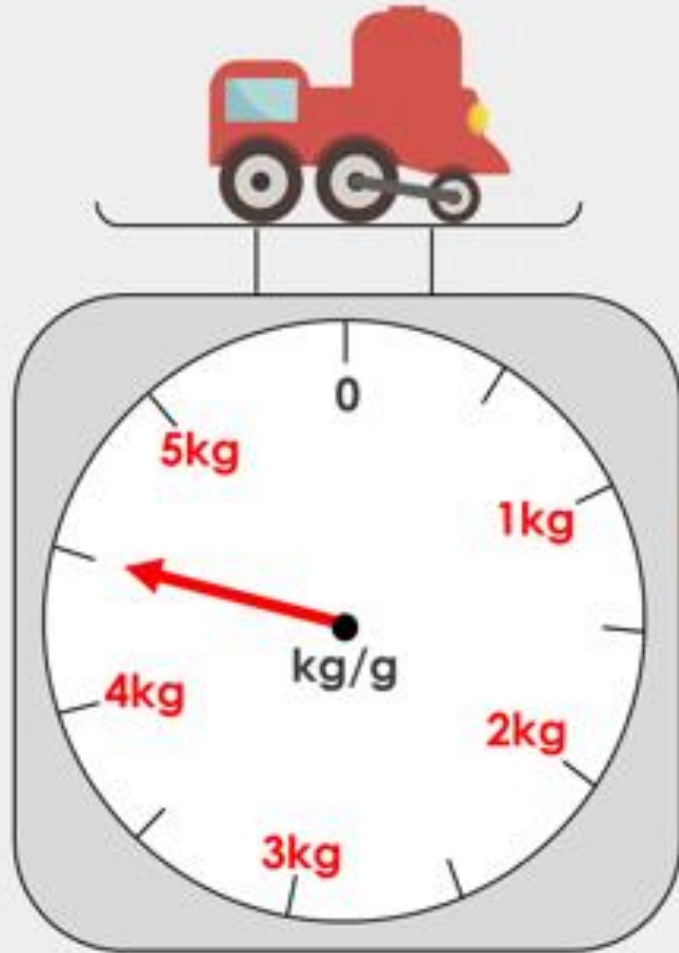What does the scale read?

Descriptive Doing - Answer
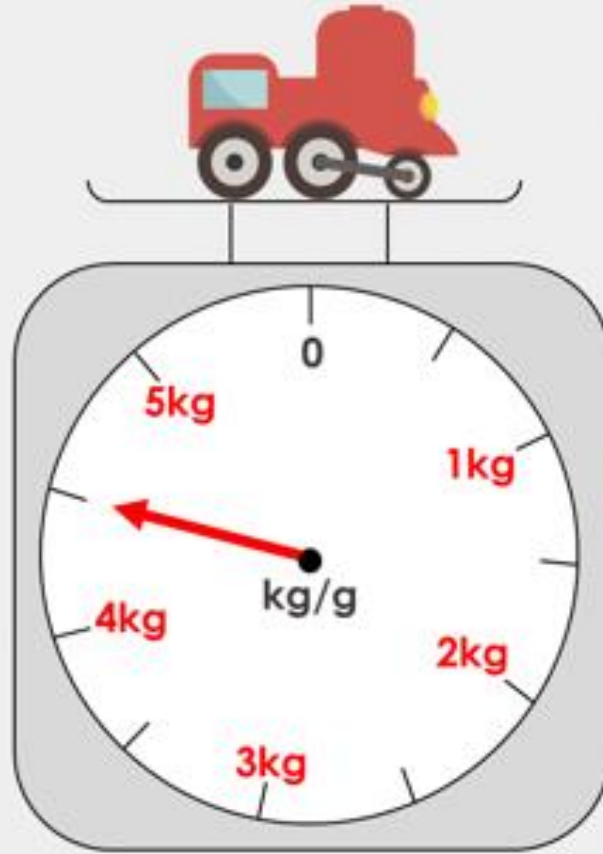
Reflective Teaching

True or false? The train weighs 3kg and 500g.

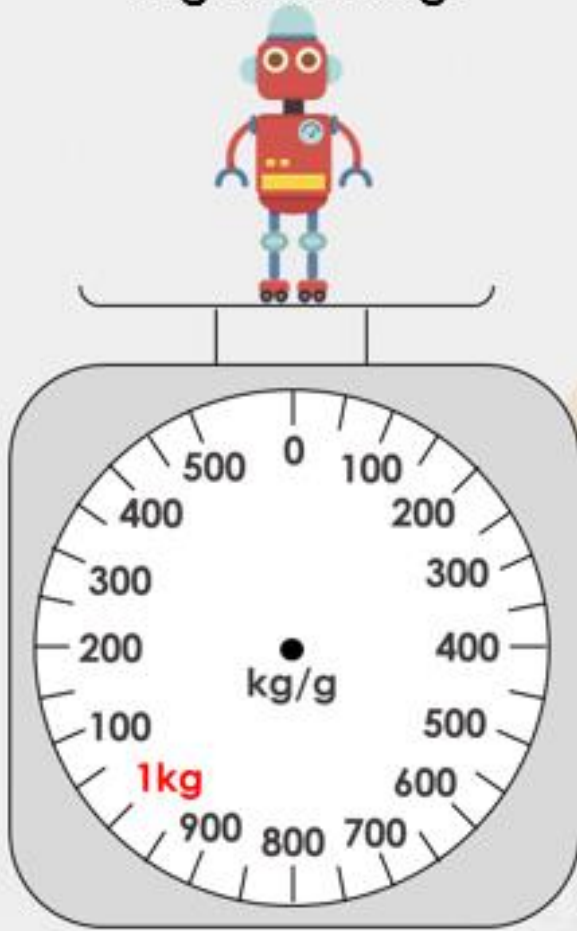What number is half way between 48 and 56?

Reflective Teaching - Answers

True or false? The train weighs 3kg and 500g.

False, the arrow is pointing between 4kg and 5kg, which is 4kg and 500g.
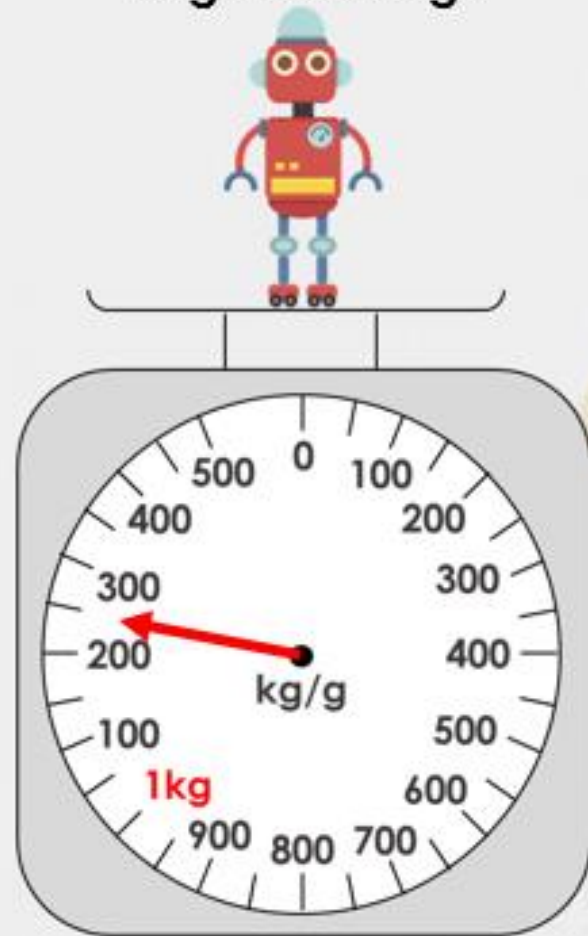
Y3

Reflective Doing

Draw an arrow on the scales to show that the robot weighs 1kg and 250g.

Tell an adult where the arrow would point to.

Reflective Doing - Answers

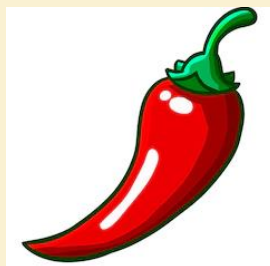Draw an arrow on the scales to show that the robot weighs 1kg and 250g.

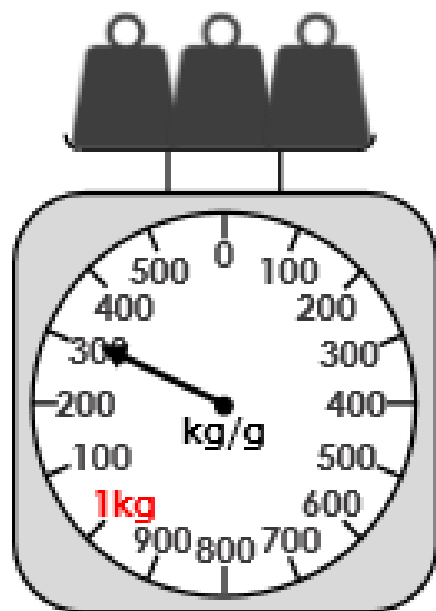The arrow has passed the 1kg and is half way between 200 and 300.

Independent work

The following slides are questions for you to work through independently.

There are 3 sets of work - 1 chili (the easiest), 2 chilies, 3 chilies (the hardest). Choose one set you feel most comfortable with.

Independent work

1a. What weight do the scales show?

☐ kg ☐ g

D

3 VF

1b. What weight do the scales show?

☐ kg ☐ g

D

3 VF
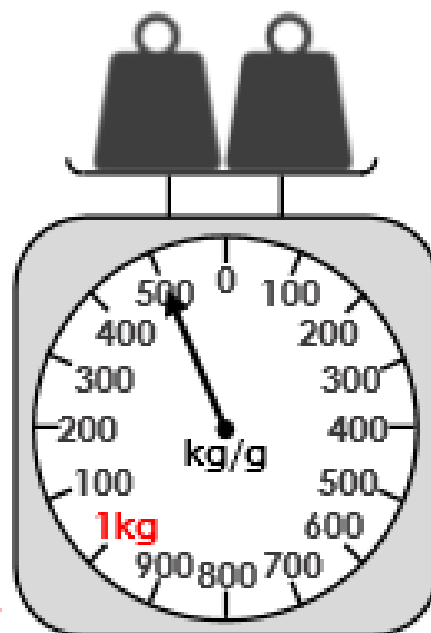
Independent work
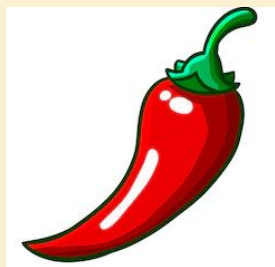

2a. True or false? The ball weighs 1kg and 500g.
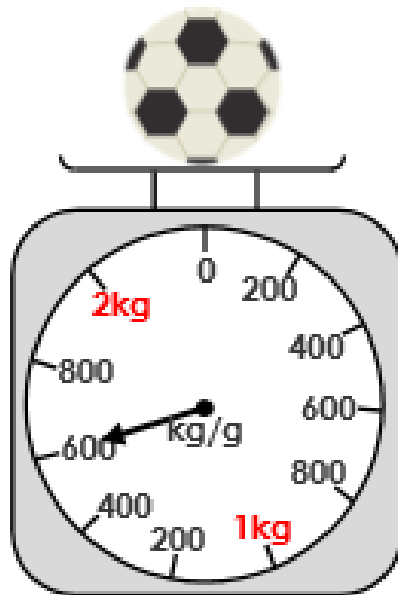
2b. True or false? The helicopter weighs 1kg and 800g.
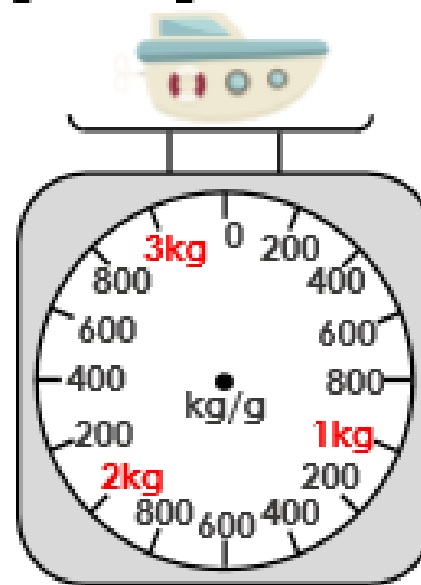

3   VF

3   VF
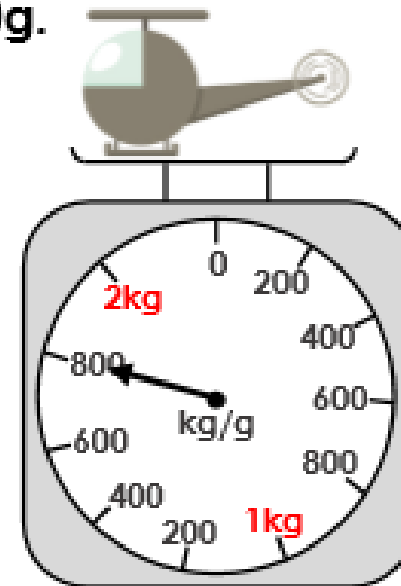
Independent work

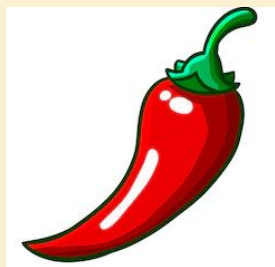3a. Draw an arrow on the scales to show the train weighs 2kg and 200g.
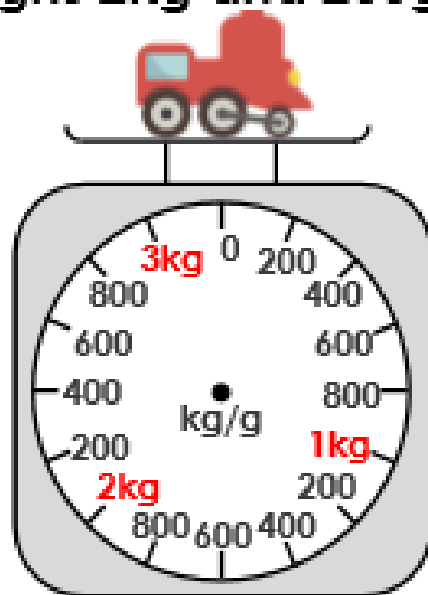
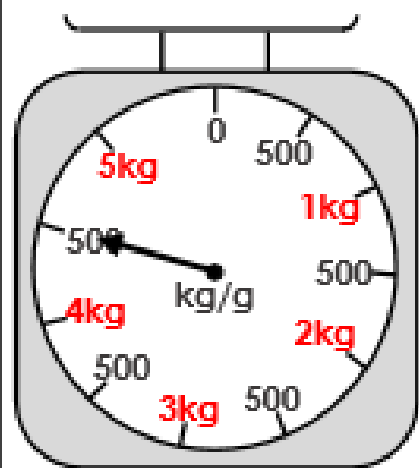3b. Draw an arrow on the scales to show the boat weighs 1kg and 600g.

Independent work

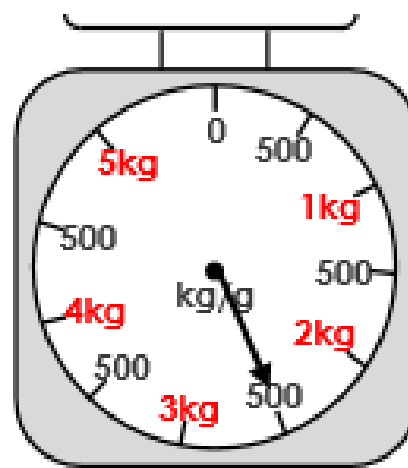4a. Match the mass on the scales to the correct digital scale.

A.

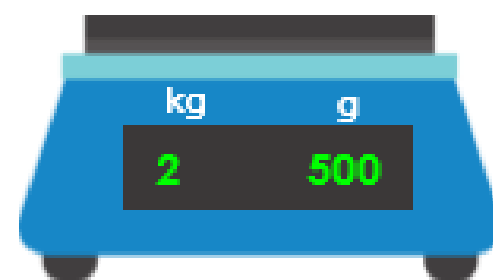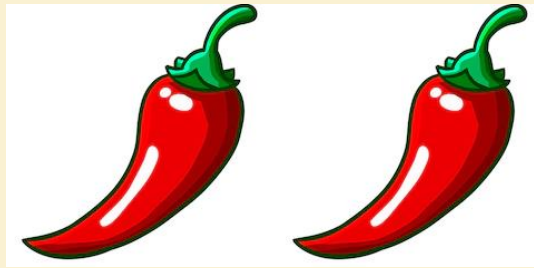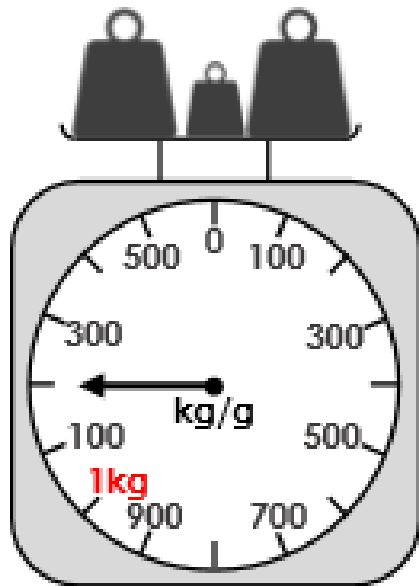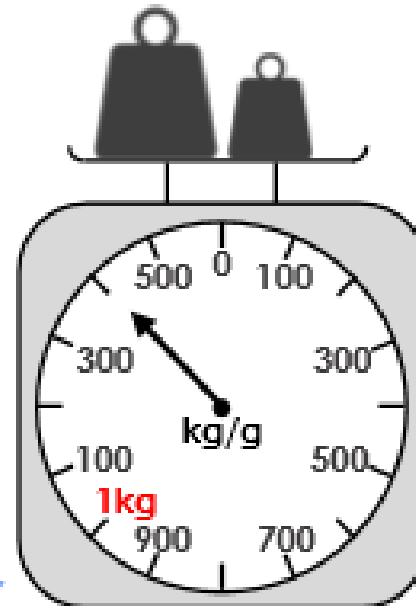| kg	g
4	500

B.

kg	g
5	500

4b. Match the mass on the scales to the correct digital scale.

A.

kg	g
1	500

B.

kg	g
2	500

3 VF

3 VF

Independent work

5a. What weight do the scales show?

[ ] kg [ ] g

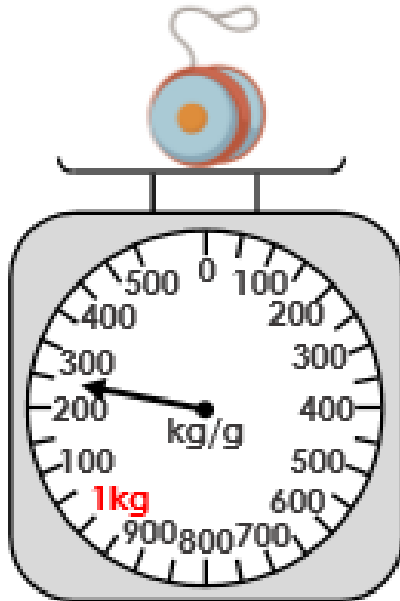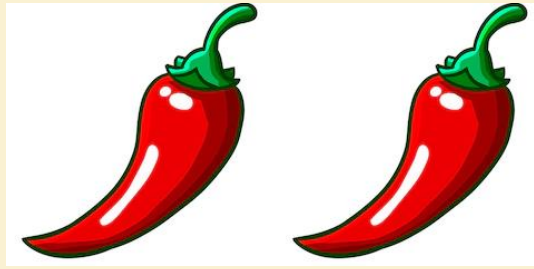## 5b. What weight do the scales show?
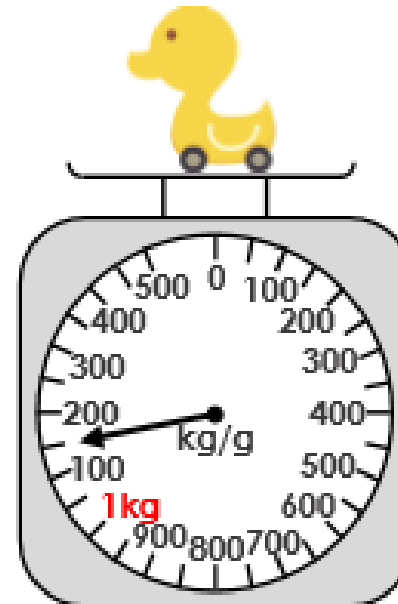

[ ] kg [ ] g

3 VF

3 VF

Independent work
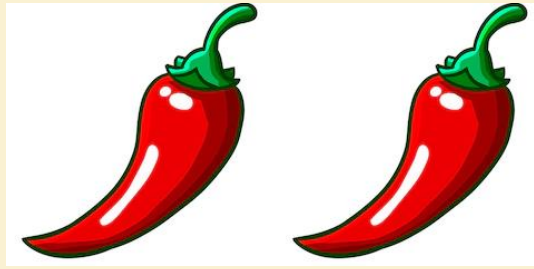

6a. True or false? The yo-yo weighs 1kg and 250g.
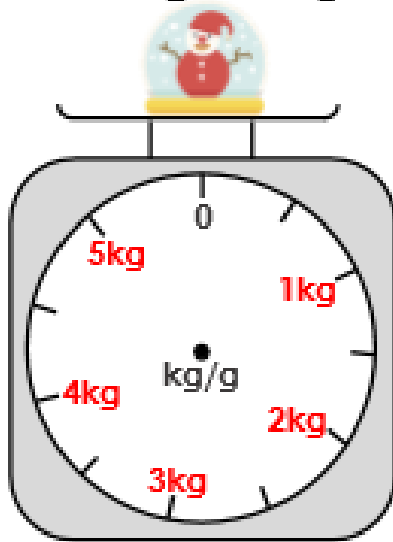
6b. True or false? The duck weighs 1kg and 50g.
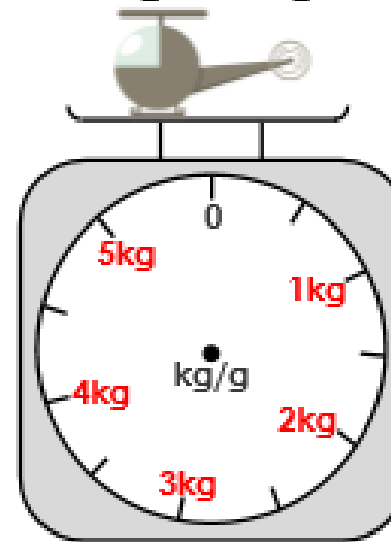
Independent work

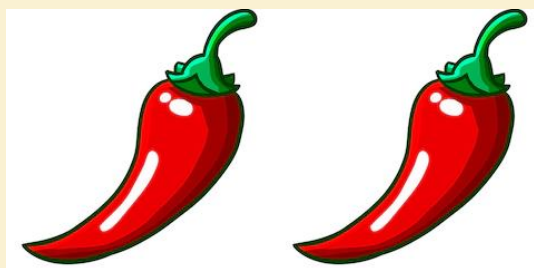**7a.** Draw an arrow on the scales to show the snow globe weighs 3kg and 500g.

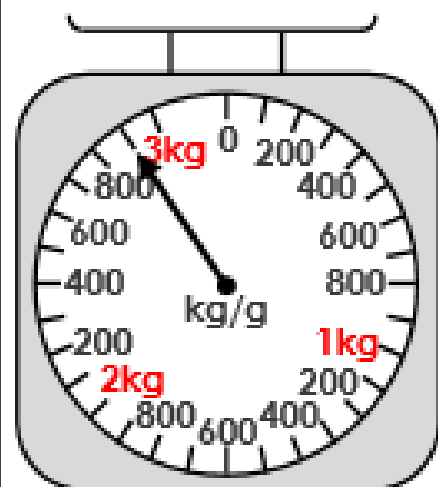**7b.** Draw an arrow on the scales to show the helicopter weighs 4kg and 500g.
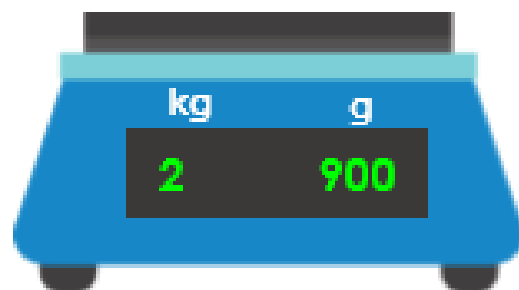

3   VF

3   VF

Independent work

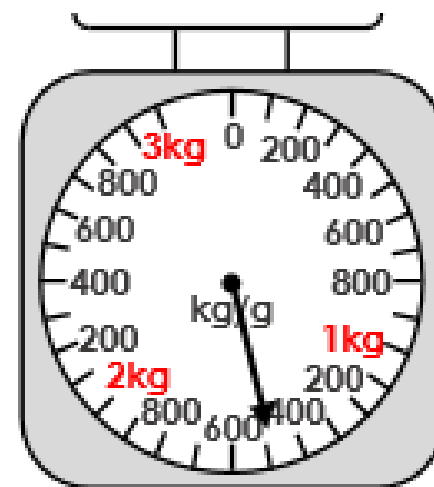8a. Match the mass on the scales to the correct digital scale.

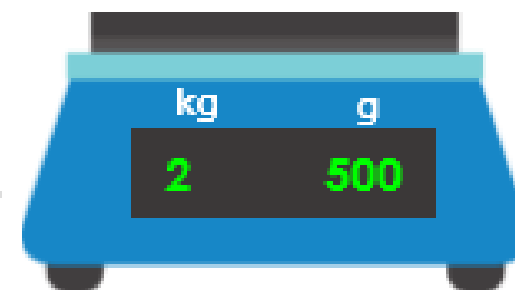| kg	g
2	300

A.

kg	g
2	900

B.

3   VF

8b. Match the mass on the scales to the correct digital scale.

kg	g
1	500

A.

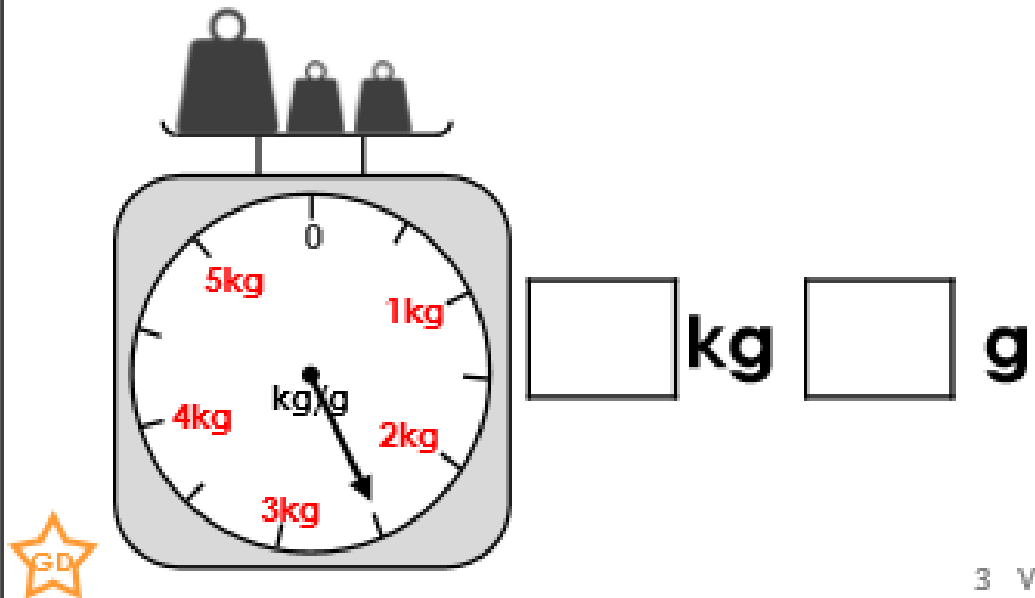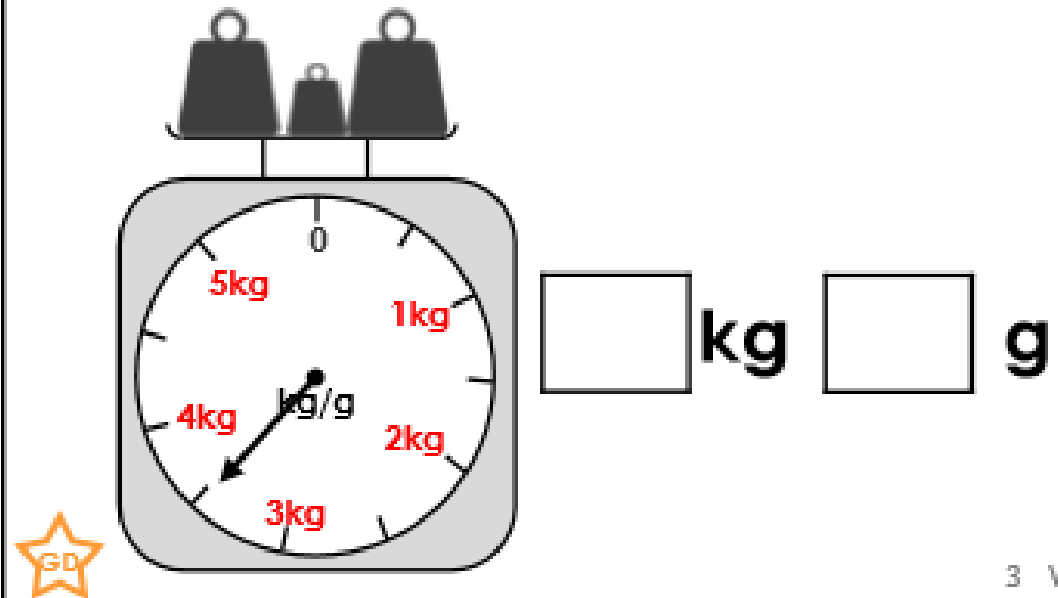| kg	g
2	500

B.

3   VF

Independent work
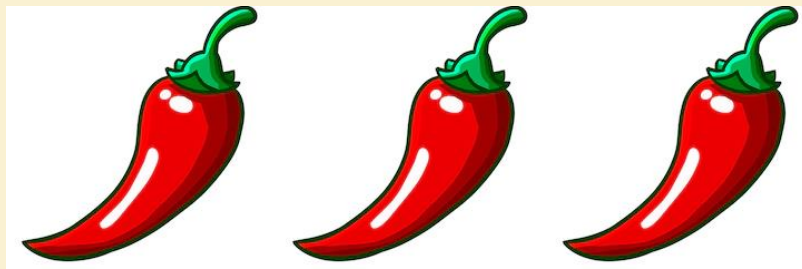
9a. What weight do the scales show?

☐ kg ☐ g

3   VF

9b. What weight do the scales show?

☐ kg ☐ g

3   VF

Independent work

10a. True or false? The keyboard weighs 11kg and 500g.

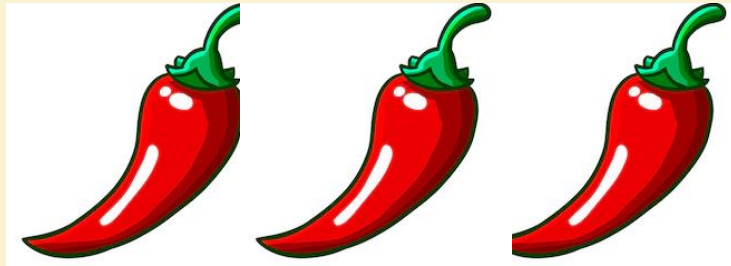

12kg kg/g 4kg

8kg
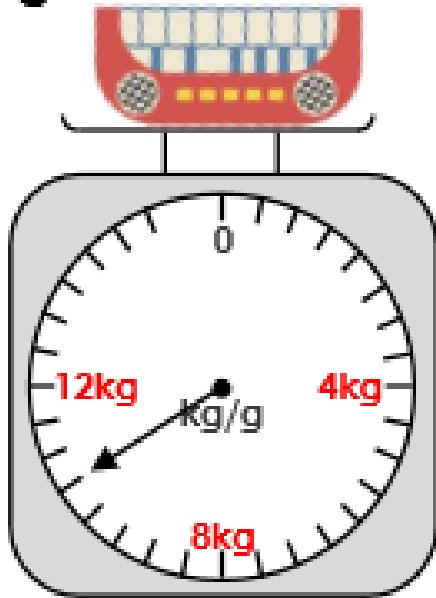
10b. True or false? The tractor weighs 5kg and 500g.
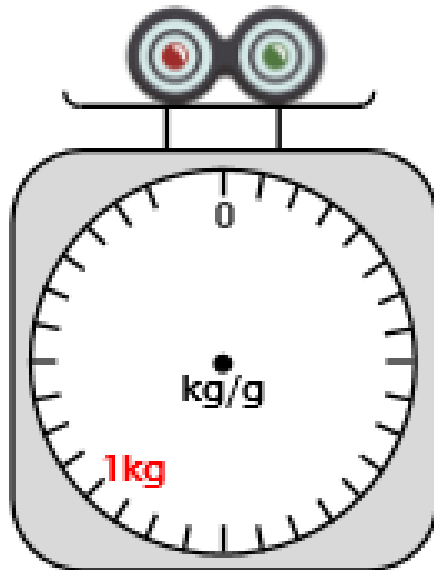

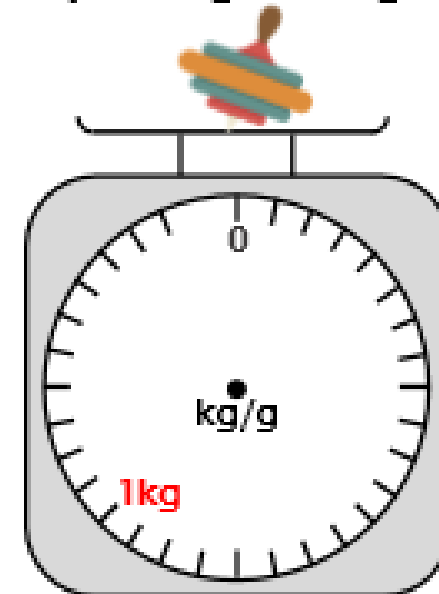12kg kg/g 4kg

8kg
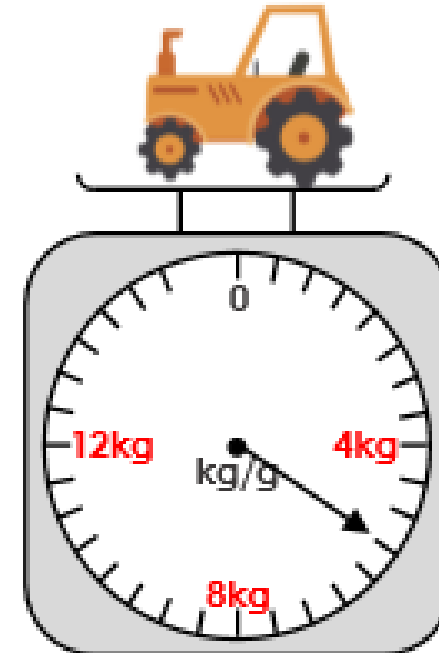
Independent work

11a. Draw an arrow on the scales to show the spinner weighs 1kg and 50g.
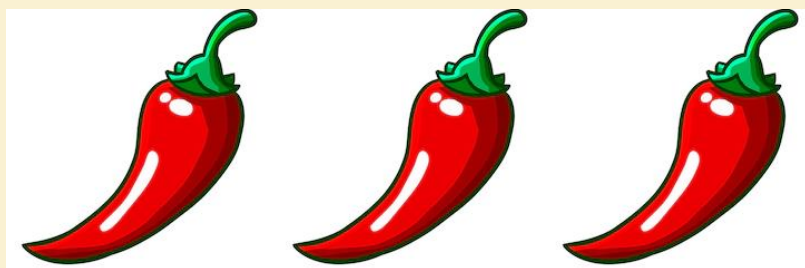

0

kg/g

1kg

3 VF

11b. Draw an arrow on the scales to show the spinning top weighs 1kg and 450g.
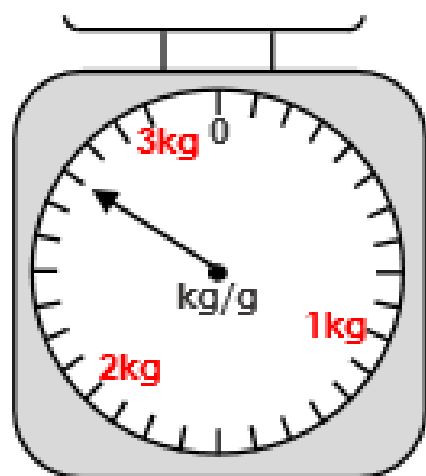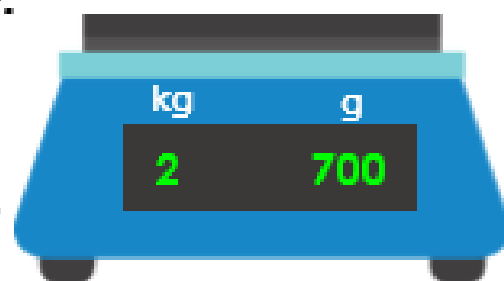

0

kg/g

1kg

3 VF

Independent work

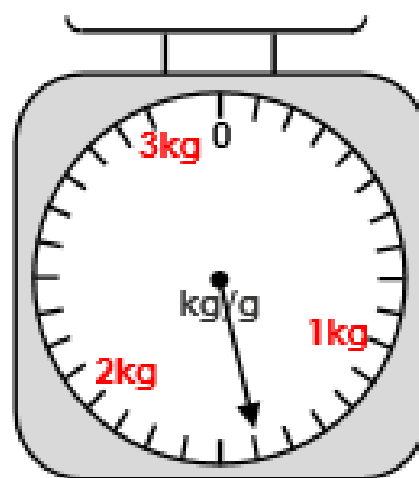
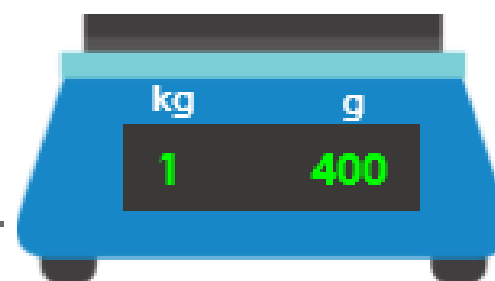12a. Match the mass on the scales to the correct digital scale.

kg	g
2	700

A.

kg	g
2	600

B.

3kg 0
kg/g
1kg
2kg

3   VF

12b. Match the mass on the scales to the correct digital scale.

kg	g
1	400

A.

kg	g
1	500

B.

3kg 0
kg/g
1kg
2kg

3   VF

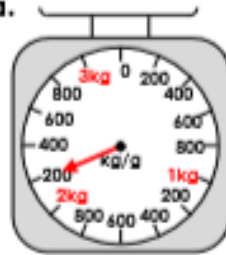# Answers

Developing

1a. 1kg and 300g
2a. False, it shows 1kg and 600g.
3a.
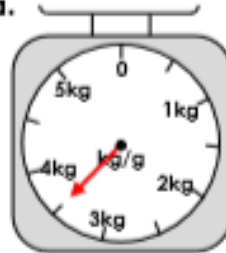
4a. A

Expected

5a. 1kg and 200g
6a. True
7a.
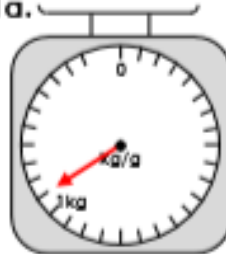
8a. B

Greater Depth

9a. 2kg and 500g
10a. False, it shows 10kg and 500g.
11a.

12a. A

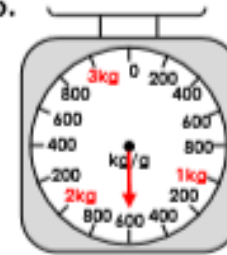**Developing**

1b. 1kg and 500g
2b. True
3b.

4b. B

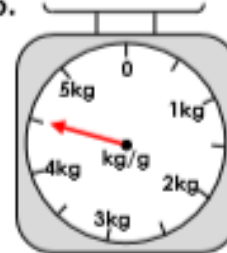**Expected**
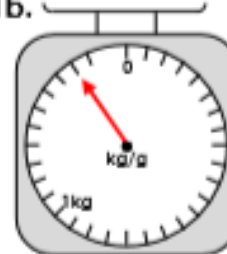
5b. 1kg and 400g
6b. False, it shows 1kg and 150g.
7b.

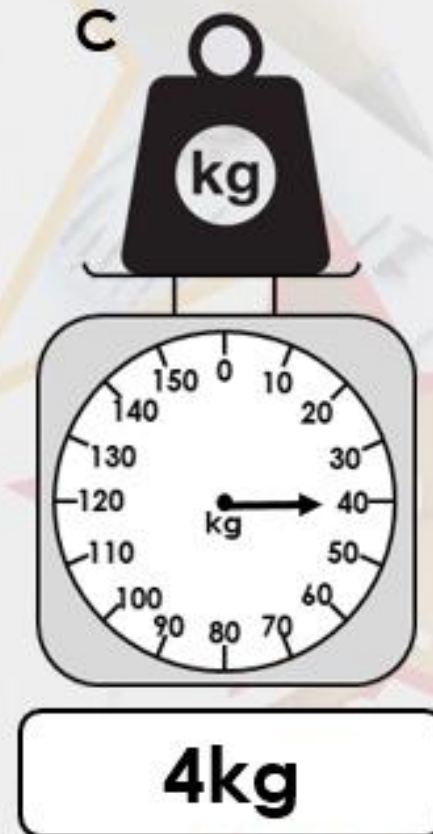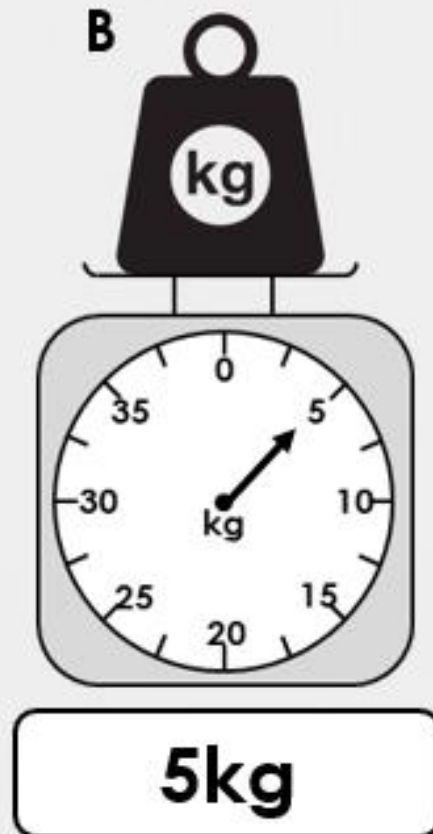8b. A

Greater Depth

9b. 3kg and 500g
10b. True
11b.

12b. B
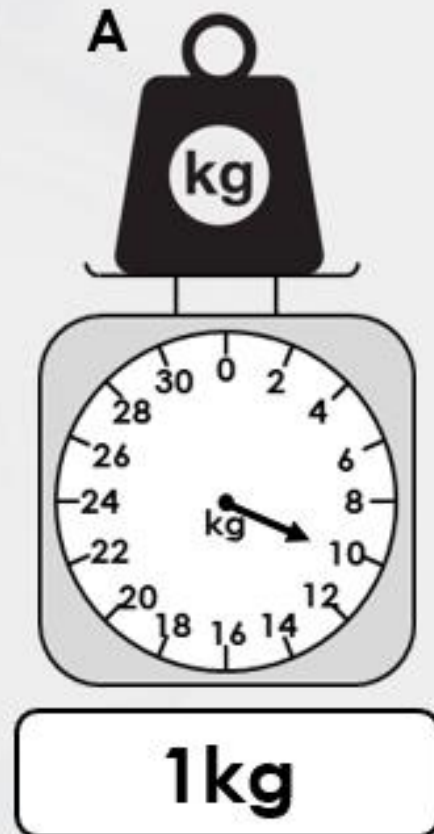
Reflection Time

Melissa has written down the measurements of these weights. Find and correct her mistakes.

A

kg

1kg

B

kg

5kg

C

kg

4kg

Take time to reflect

The Learning Pit
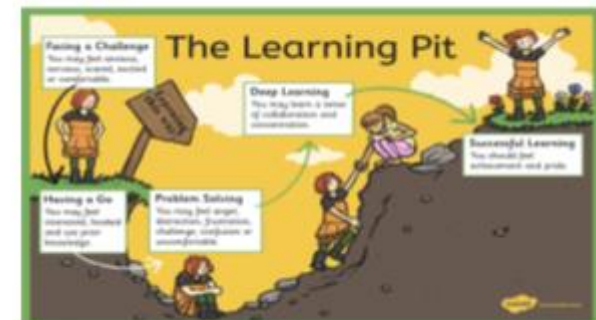
Reflection Time - Answers

Melissa has written down the measurements of these weights. Find and correct her mistakes.

A

10kg

B

5kg

C

40kg

A should be 10kg, C should be 40kg.