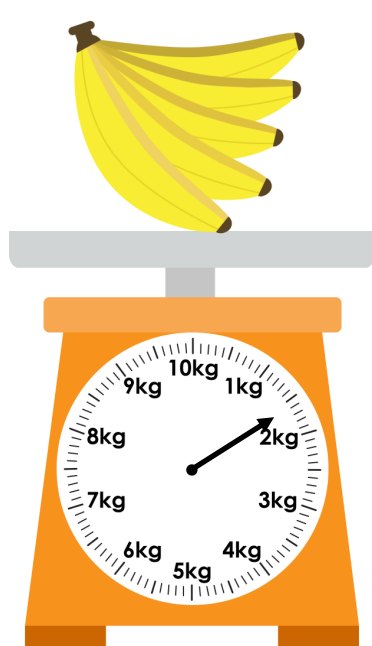




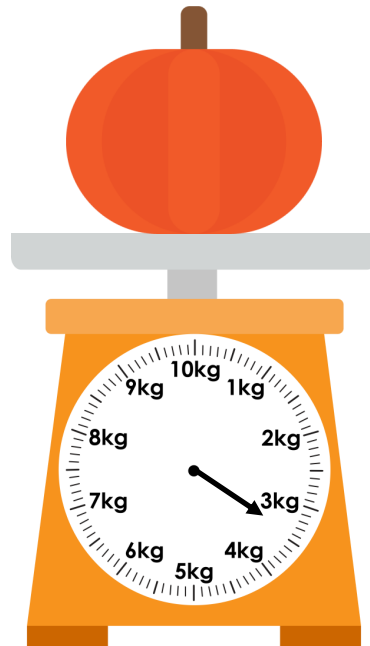
YR3 PROGRESSION IN MASTERY LESSON PACK - MEASURE MASS (2)

FLUENCY 1

Read the scales using the stem sentences.

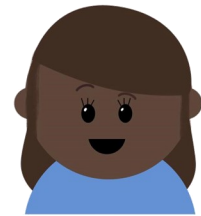


The mass of the bananas is _____ kg and _____ g.

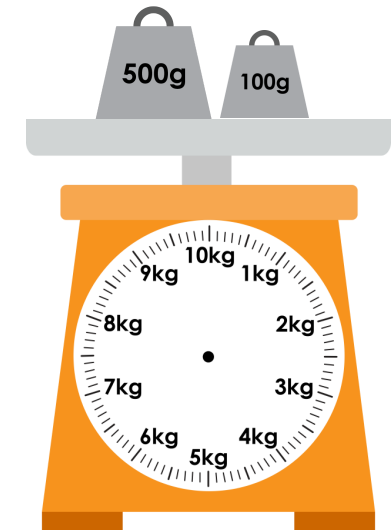
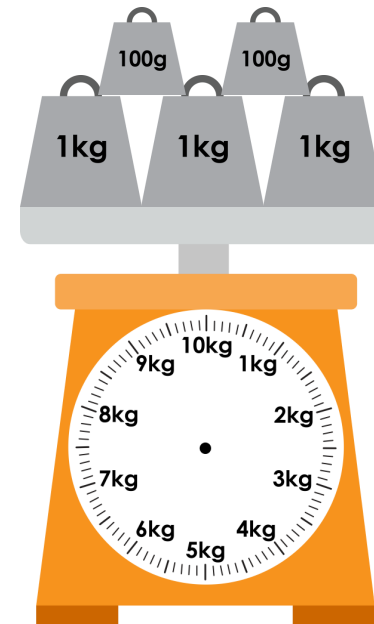


The mass of the pumpkin is _____ kg and _____ g.

FLUENCY 2



Draw arrows on the scales to show the mass of each set of weights. Then, complete the stem sentence.



Together, the weights weigh _____ kg and _____ g.



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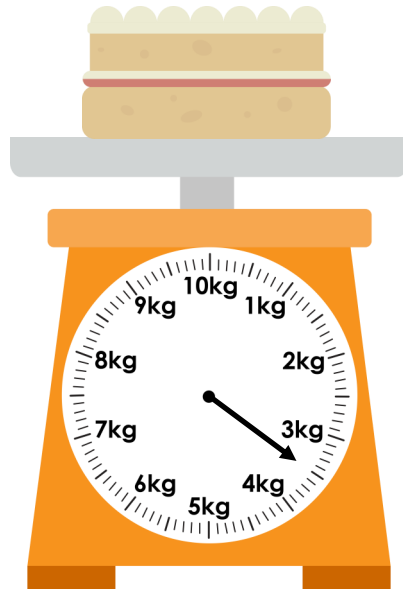
Photocopiable for educational purposes only



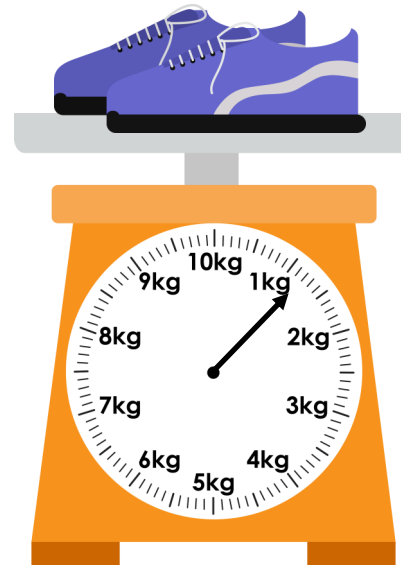
YR3 PROGRESSION IN MASTERY LESSON PACK - MEASURE MASS (2)

FLUENCY 3

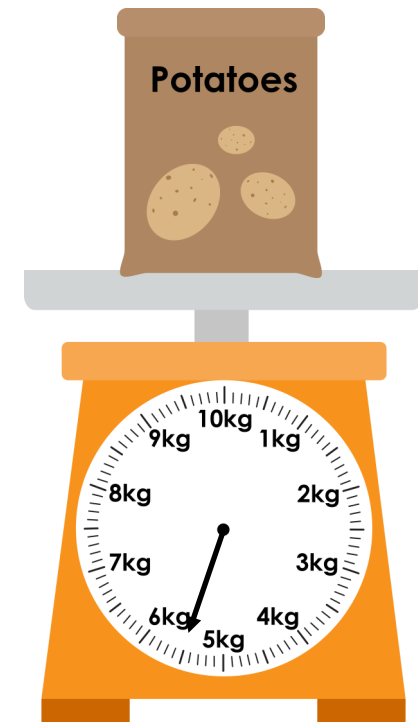
Read the scales using the stem sentences.



The mass of the _____ is
_____ kg and _____ g.



The mass of the _____ is
_____ kg and _____ g.



The mass of the _____ is
_____ kg and _____ g.



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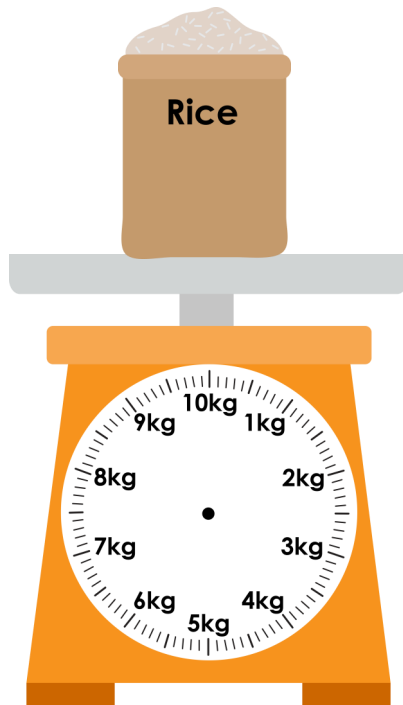
Photocopiable for educational purposes only



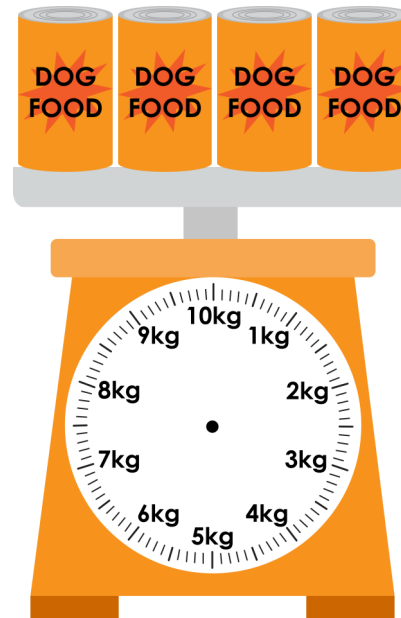
YR3 PROGRESSION IN MASTERY LESSON PACK - MEASURE MASS (2)

FLUENCY 4

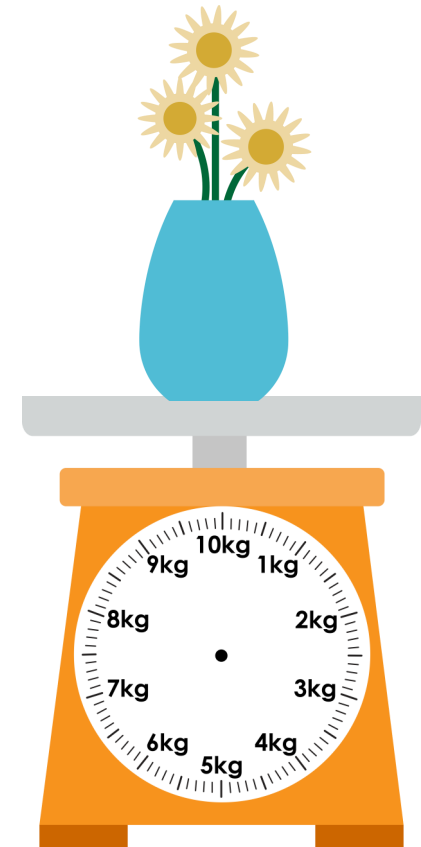
Draw the arrows to show the mass of the objects.



The mass of the bag of rice is
4 kg and 100 g.



The mass of the dog food is
1 kg and 600 g.



The mass of the vase is
2 kg and 900 g.



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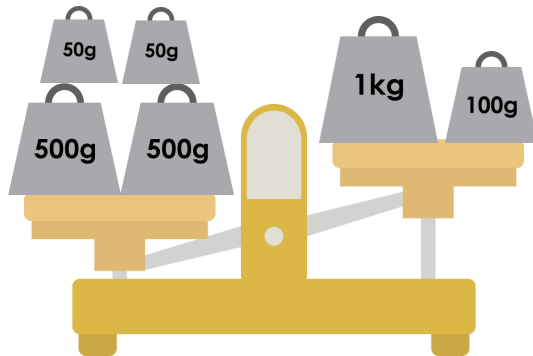
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YR3 PROGRESSION IN MASTERY LESSON PACK - MEASURE MASS (2)

REASONING 1

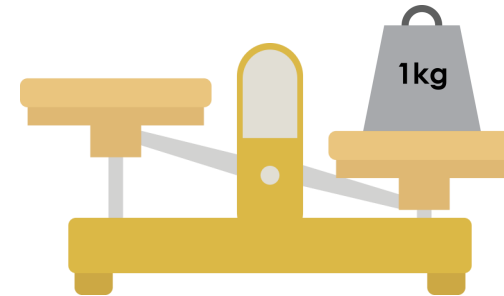
Spot the mistake with this visual!



REASONING 2

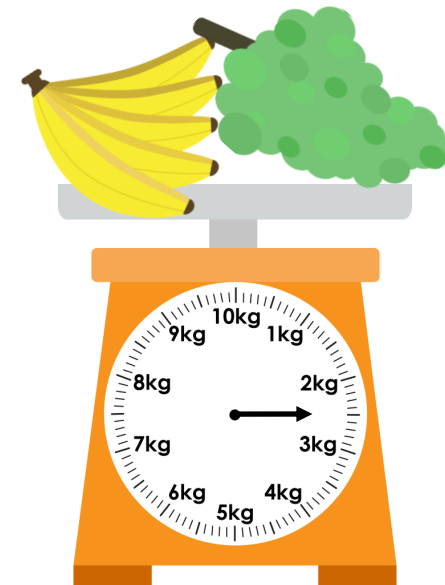
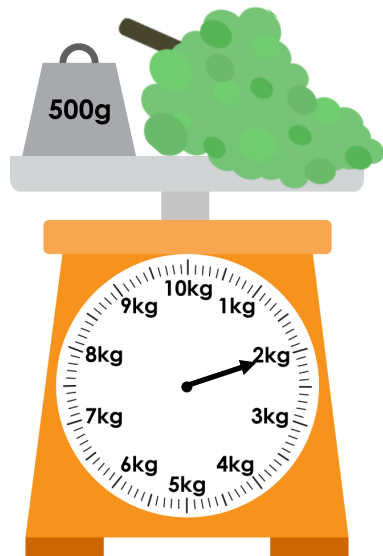
True or False?

Adding 1kg and 50g to the left will tip the scale.



REASONING 3

How much does each fruit weigh?



Explain how you know.



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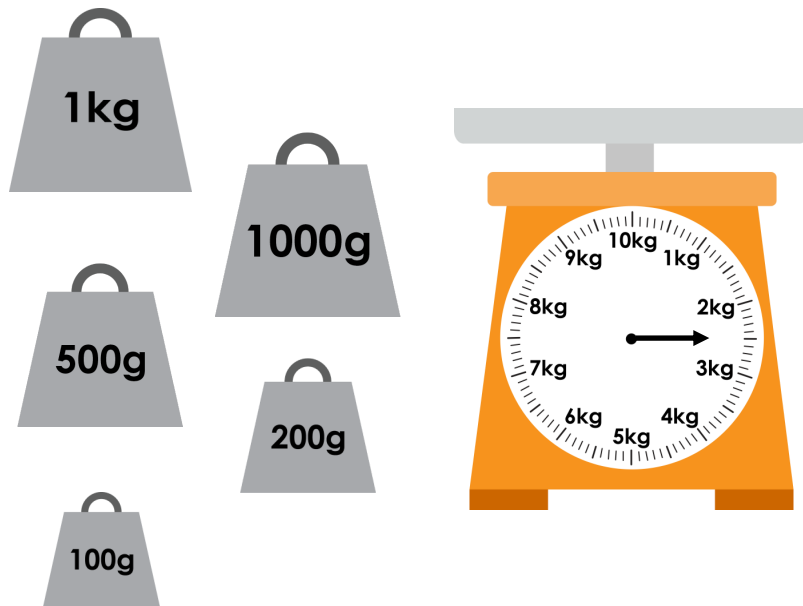
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YR3 PROGRESSION IN MASTERY LESSON PACK - MEASURE MASS (2)

PROBLEM SOLVING 1

Using no more than 5 weights, add them to the scales to match the mass shown by the arrow.

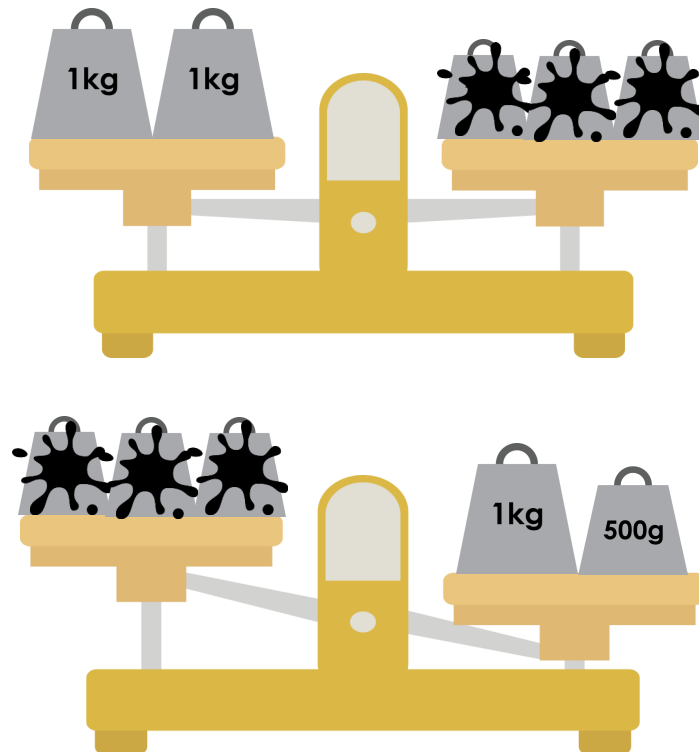


You may use each weight more than once.
How many solutions can you find?

PROBLEM SOLVING 2

The hidden weights have masses less than 900g, but all are a multiple of 100g.

What could their mass be?



Find all possibilities.



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