Independent Recap

Measurement Week 10

Year 2

Arithmetic

| **1.** 90 ÷ 3 | **2.** ? = 40 + 60 | **3.** 51 – 29 | **4.** Double 30 is ? |

Practice: Measure Mass in g
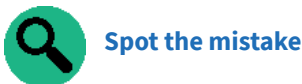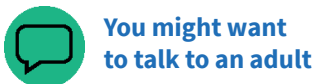
5. How much do the bananas weigh?

The bananas weigh [_____] grams.

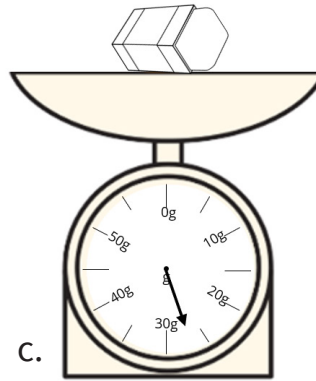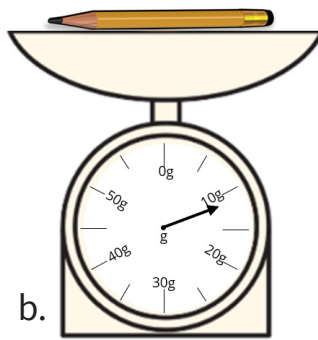**6.** Complete the sentences and circle the heaviest object.

An apple weighs [_____] g

A pineapple weighs [_____] g

7. How much does the cake weigh?

[_____]

8. Order the items from heaviest to lightest.

a.

b.

c.

heaviest

lightest

9. Explain how you know 10g is lighter than 100g.

10. Lila says the cupcake weighs 21g.

Is Lila right?

Explain your answer.

Challenge

11. Use the information to complete the pictures.

The ball weighs 50g.

The teddy weighs half as much as the ball.

The car weighs 15g more than the teddy.

Answers

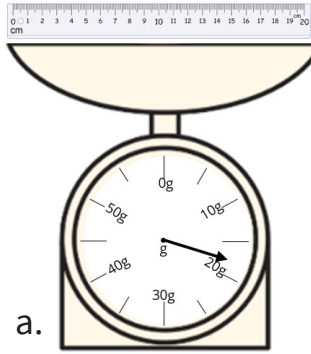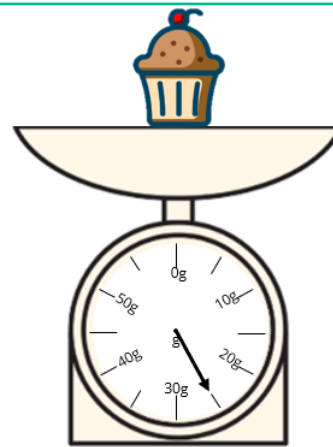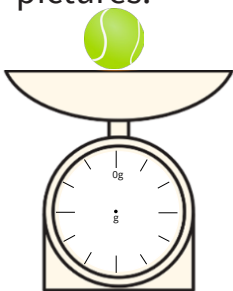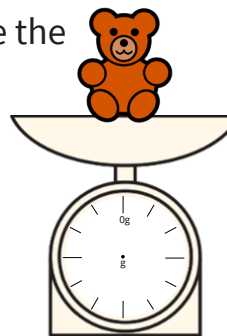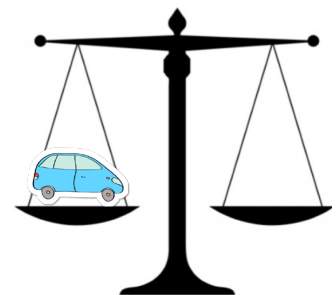| Q no.	Question	Answer
1	90 ÷ 3	30
2	? = 40 + 60	100
3	51 – 29	22
4	Double 30 is ?	60
5	How much do the bananas weigh?	6g
6	Complete the sentences and circle the heaviest object.	Apple - 5g, pineapple - 25g, heaviest - pineapple circled
7	How much does the cake weigh?	20g
8	Order the items from heaviest to lightest.	Rubber, ruler, pencil
9	Explain how you know 10g is lighter than 100g.	Ten 10g weights would be the same as 100g. This means that one 10g weight is less than 100g. Pupils may also identify that 10 is smaller than 100. As both numbers have the same unit of measure (g) their values can be easily compared.
10	Is Lila right? Explain your answer.	Lila is incorrect. She understands that the cupcake weighs over 20g but she does not understand how to read the scale accurately. As the arrow is between 20g and 30g, the cupcake weighs 25g.
11	Use the information to complete the pictures. The ball weighs 50g. The teddy weighs half as much as the ball. The car weighs 15g more than the teddy.	The ball should have an appropriate scale (tens) showing 50g. The teddy should have appropriate scale (counting in fives or tens) and show 25g. The car should have weights (or one weight) showing 40g.

Arithmetic

1. 33 + 21	**2.** 75 − 27	**3.** Half of 80	**4.** If ¼ of 8 = 2 ¼ of 80 = ?

Practice: Measure Mass in kg

5. Circle the weights to balance the scales.

20kg	20kg	10kg	10kg	10kg

2kg	2kg	2kg	2kg	10kg	10kg

2kg	1kg	1kg	1kg	1kg	1kg	1kg

50kg

6. How much does the baby weigh?

The baby weighs _____ kg.

0g
5kg   1kg
4kg   2kg
3kg

7. How much do the objects weigh?

5kg
10kg   5kg

The apples weigh _____ kg.

2kg
2kg   2kg   2kg
2kg   2kg   2kg

The bananas weigh _____ kg.

You might want to talk to an adult

Use resources to help you

Spot the mistake

8. Use < > or = to compare the children's weights.

36kg

Marie [   ] Samuel

2kg 2kg 2kg
2kg 2kg 2kg
2kg 2kg 2kg
10kg 10kg 2kg

9. Which is more, 1kg or 1g?

10. Chance says he weighs 22g.

Why is this wrong?

Challenge

11. Kairo has two bags.

The difference between the bags is 2kg.

What could each bag weigh?

Answers

Q no.	Question	Answer
1	33 + 21	54
2	75 – 27	48
3	Half of 80	40
4	If ¼ of 8 = 2 ¼ of 80 = ?	20
5	Circle the weights to balance the scales.	Circle weights that total 50kg, e.g. 2 x 20kg and 5 x 2kg or 2 x 20kg and 1 x 10kg.
6	How much does the baby weigh?	3kg
7	How much do the objects weigh?	Apples - 20kg, bananas - 14kg
8	Use < > or = to compare the children's weights.	Marie = Samuel
9	Which is more, 1kg or 1g?	1kg is more than 1g. Pupils may not know the conversion at this time, but should know that 1kg is heavier.
10	Chance says he weighs 22g. Why is this wrong?	Chance has confused kg and g. Chance would be very light if he was 22g in weight.
11	Kairo has two bags. The difference between the bags is 2kg. What could each bag weigh?	Accept any answer where the difference between the two bags is 2kg. Example answers: 20kg and 22kg 2kg and 4kg 5kg and 7kg

Arithmetic

1. 26 – 20
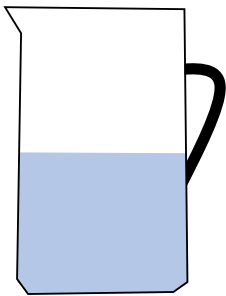
2. 46 + 35

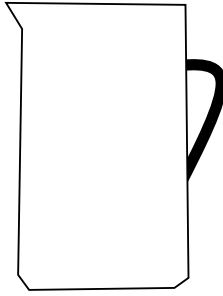**3.** Ten more than 87 is ?

4. Half of 32
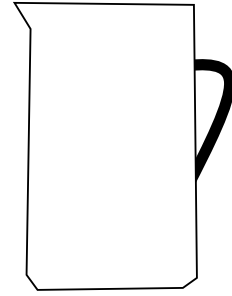
Practice: Compare Volume

5. Shade the jugs to show how much water they could have in them.
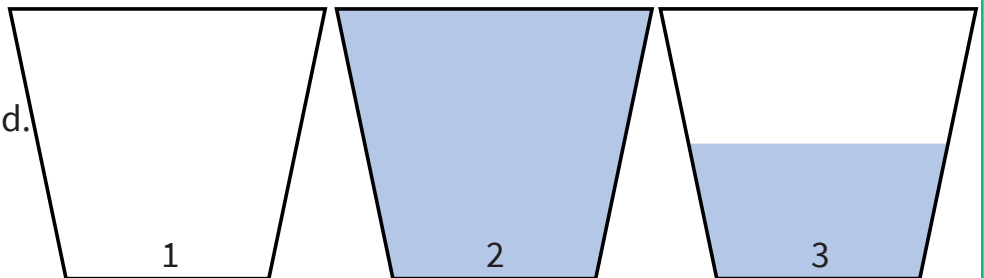
Jug A

Jug B has more water than jug A

Jug C has less water than jug A
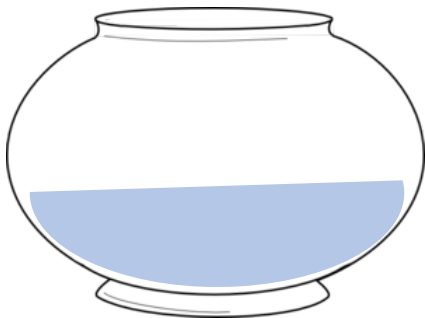
6. Describe the glasses.
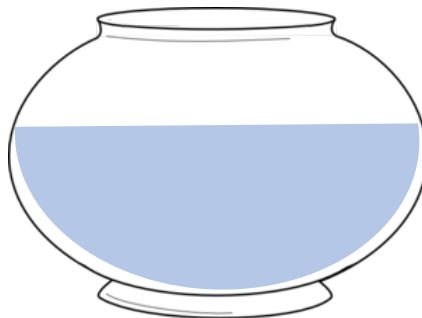
Glass ☐ is half filled.

Glass ☐ is full.

Glass ☐ is empty.

1   2   3
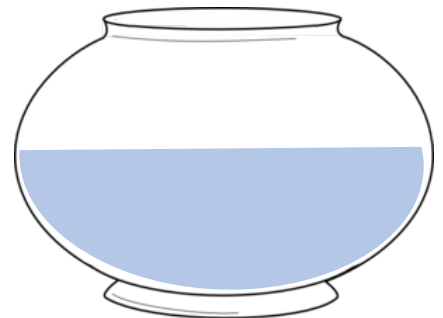
7. Circle the fishbowl that is filled with the least water.

1   2   3

You might want to talk to an adult
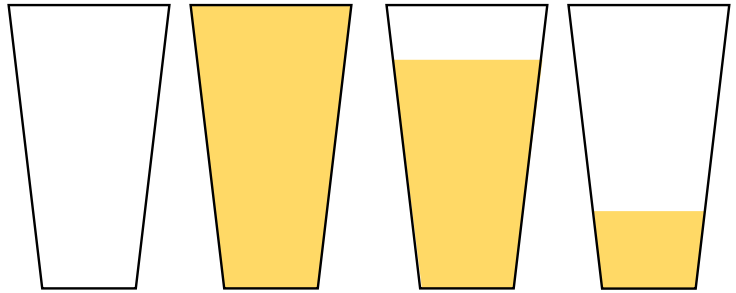
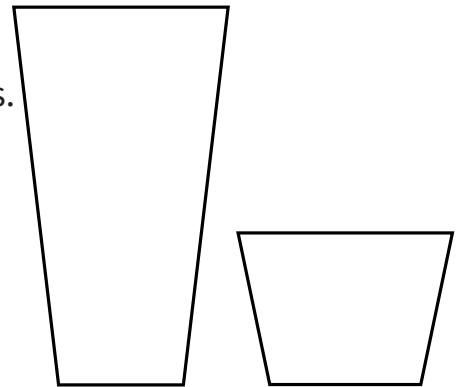**Use resources to help you**

Spot the mistake

8. This is David's glass of orange juice.

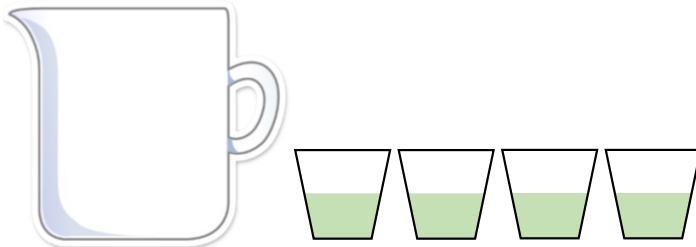Circle all the glasses that have less orange juice than David.

9. Always, sometimes, never
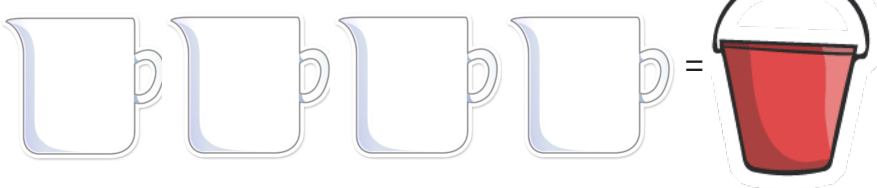
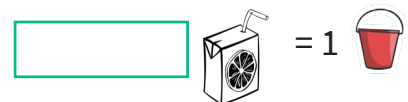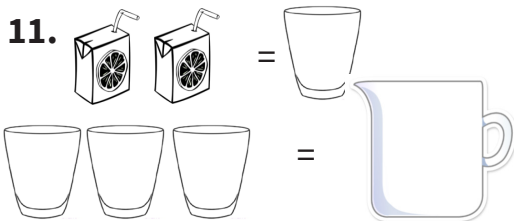Taller glasses hold more liquid than shorter glasses.

Explain your answer.

10. Tommie has emptied the juice from the jug into the glasses.

He says the jug is the same as 4 glasses.
Is he right?

Challenge

11.

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Answers

| Q no.	Question	Answer
1	26 – 20	6
2	46 + 35	81
3	Ten more than 87 is ?	97
4	Half of 32	16
5	Shade the jugs to show how much water they could have in them.	Jug b with more than half filled with water. Jug c with less than half filled with water.
6	Describe the glasses.	Glass 3 is half filled. Glass 2 is full. Glass 1 is empty.
7	Circle the fishbowl that is filled with the least water.	1
8	Circle all the glasses that have less orange juice than David.	Circle empty and ¼ filled glasses.
9	Always, sometimes, never. Taller glasses hold more liquid than shorter glasses.	Sometimes true as it depends on the glasses. Some short glasses will be very wide and hold more. Pupils could experiment with glasses to prove this.
10	Is Tommie right?	Tommie is incorrect. He has not fully filled each glass. As such, he has not accurately found how many glasses the bottle is equivalent to.
11	? glasses = 1 bucket ? juice boxes = 1 bucket	12 24

Arithmetic

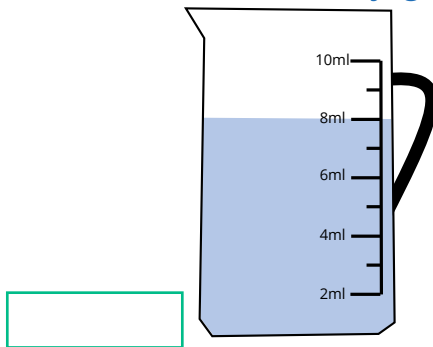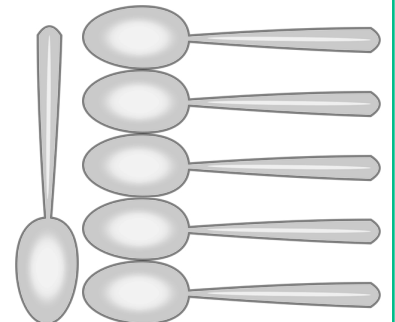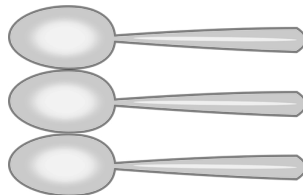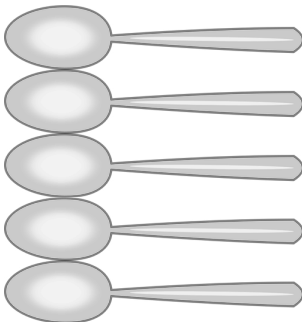| **1.** 21 − 5	**2.** 5 x ? = 30	**3.** 5 + 5 + 5 + 5	**4.** 34 + 54

Practice: Millilitres

5. How much milk is in each jug?
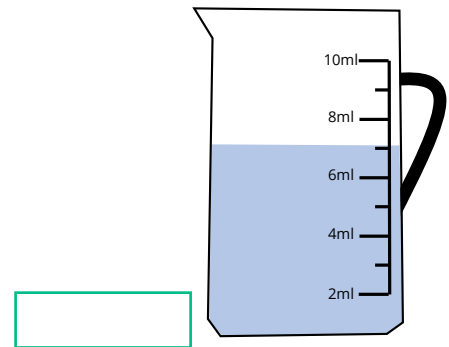
6. Calculate the total capacity of the spoons.

= 5ml

7. Jon is making pancakes.

How many teaspoonfuls will he need to measure out 35ml of lemon juice?

= 5ml

Jon will need to use [   ] teaspoonfuls of lemon juice.
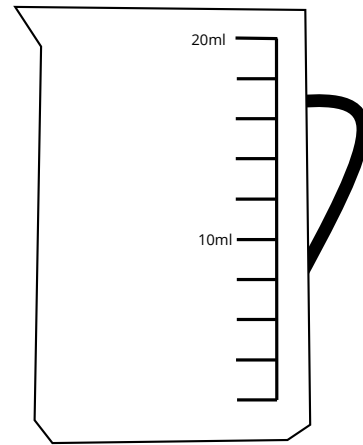
You might want to talk to an adult
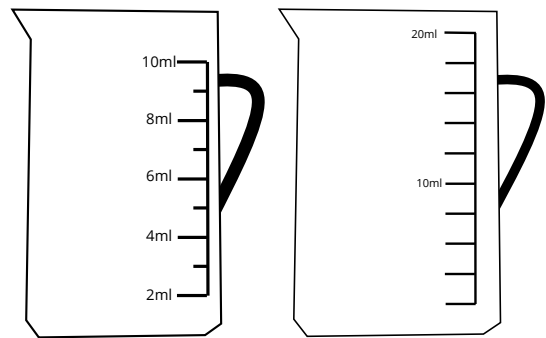
Use resources to help you

Spot the mistake

8. Jon needs 11ml of milk for his pancake recipe.

Draw a line to show how much milk Jon needs.
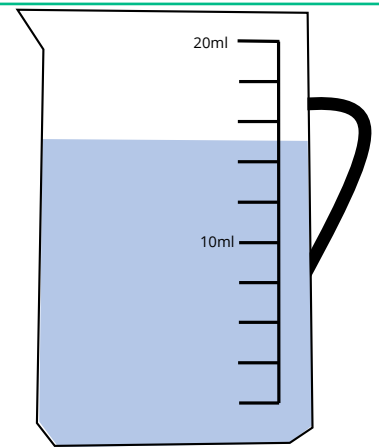
9. Why is it important to read the scale on a container carefully?

10. Evie-Grace says, "The container has 25ml of water in it."

Is Evie-Grace right?

Explain your answer.

Challenge

11. Draw containers to show:

a. two containers with a difference of 10ml

b. two containers with a difference of 5ml

c. two containers with different scales that show the same ml

Answers

Q no.	Question	Answer
1	21 – 5	16
2	5 x ? = 30	6
3	5 + 5 + 5 + 5	20
4	34 + 54	88
5	How much milk is in each jug?	8ml, 7ml
6	Calculate the total capacity of the spoons.	25ml, 15ml, 30ml
7	How many teaspoonfuls will he need to measure out 35ml of lemon juice?	7
8	Draw a line to show how much milk Jon needs.	Line drawn at 11ml.
9	Why is it important to read the scale on a container carefully?	Scales can be different for different containers. In the examples, the scales show marked intervals of 2ml and 10ml.
10	Is Evie-Grace right?	Evie-Grace understands that the water level is halfway between tens, meaning the ones should be 5. She has, however, identified the wrong tens. The correct answer is 15ml.
11	Draw containers to show: a. two containers with a difference of 10ml b. two containers with a difference of 5ml c. two containers with different scales that show the same ml	Answers will vary. Accept answers that meet the criteria given.