

Year 4: Reading scales, weighing scales and jugs: answers

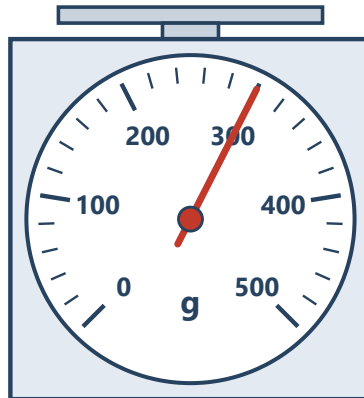
Year 4 - Perimeter, Area and Measures - Lesson 7.2

Answers. Final answers to the worksheet questions. Full step-by-step solutions for every question are free at websink.site/ks2-sats/maths/year-4/ch07-measures/reading-scales-weighing-scales-and-jugs/

Exercise 7B Weighing scales Non-calculator

1 What is each small mark worth on these scales?

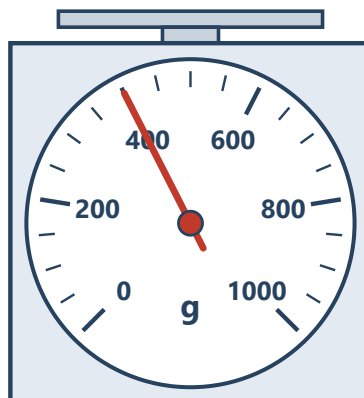
(a)



Each small mark =

Answer: 20 g

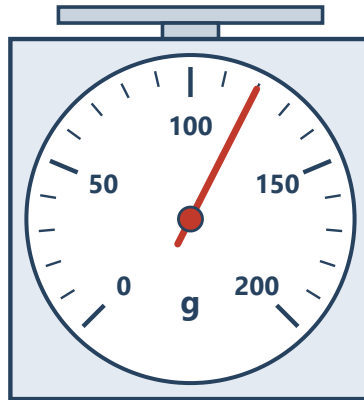
(b)



Each small mark =

Answer: 50 g

(c)

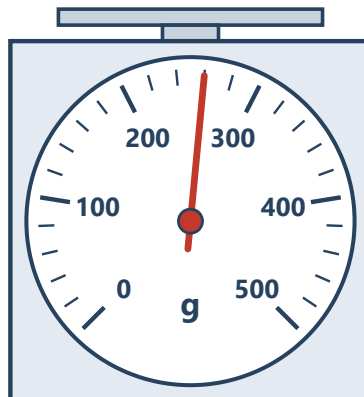


Each small mark =

Answer: 10 g

2 Read each weighing scale.

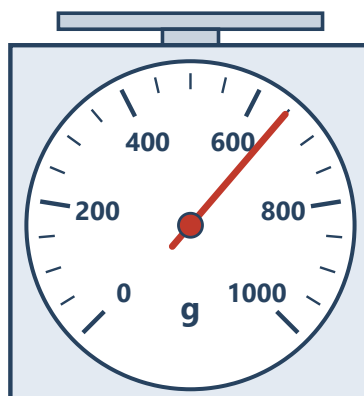
(a)



Mass =

Answer: 260 g

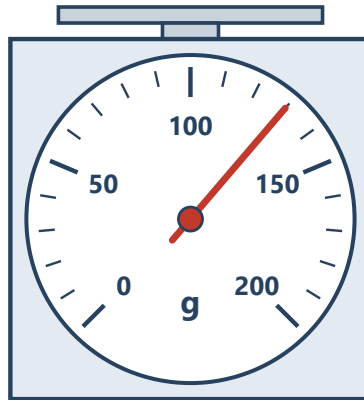
(b)



Mass =

Answer: 650 g

(c)



Mass =

Answer: 130 g

3 These scales are marked in kilograms. Write each mass.

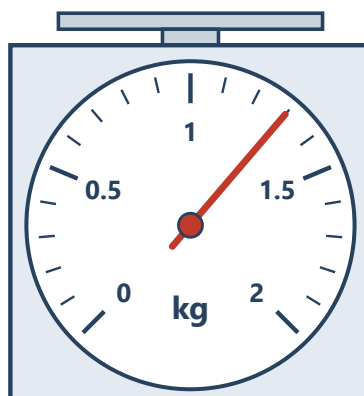
(a)



Mass =

Answer: 1.5 kg

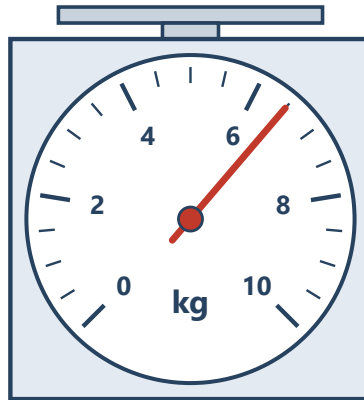
(b)



Mass =

Answer: 1.3 kg

(c)

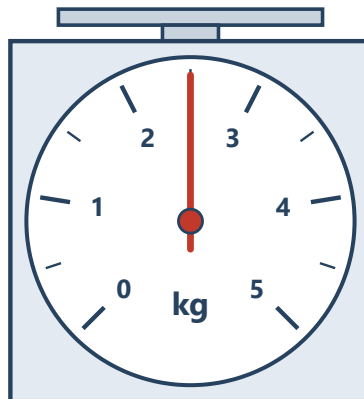


Mass =

Answer: 6.5 kg

4 Write each mass in grams.

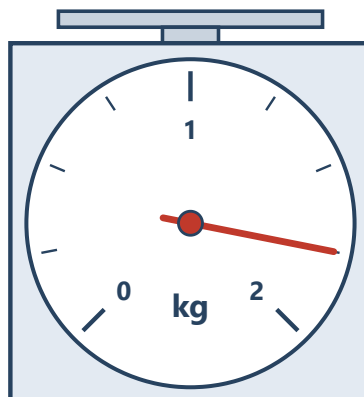
(a)



Mass =

Answer: 2,500 g

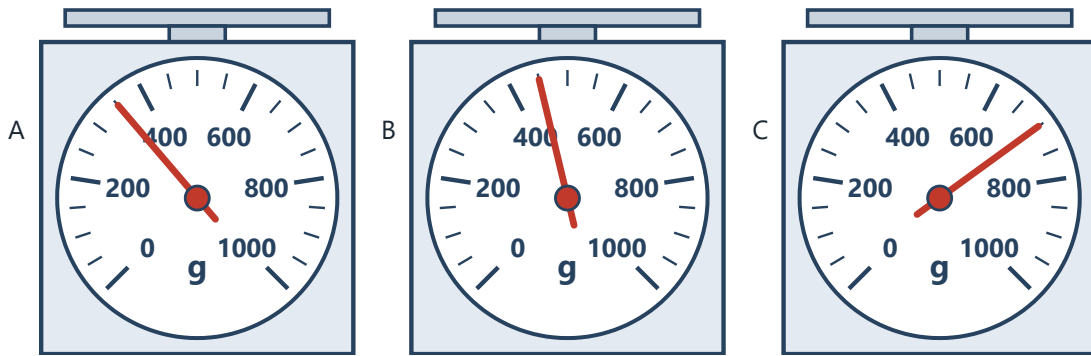
(b)



Mass =

Answer: 1,750 g

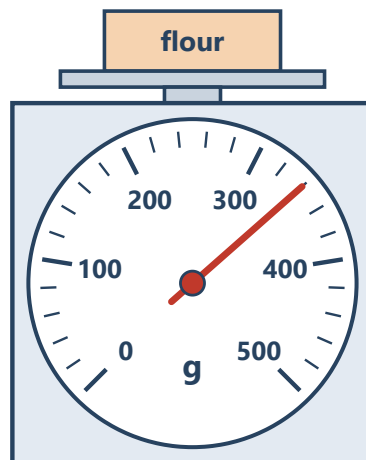
5 Which scale shows 450 g?



Answer: B

6 Work out how much more is needed.

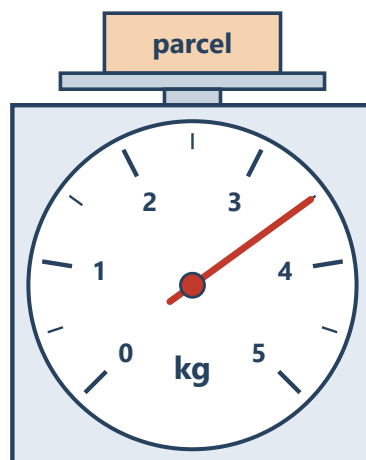
(a)



A recipe needs 500 g of flour. How much more flour is needed?

Answer: 160 g

(b)

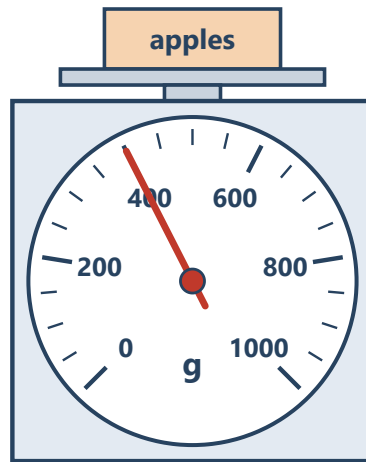


A parcel can be up to 4 kg. How much more can be added to this parcel?

Answer: 0.5 kg

7 Amira weighs a bag of apples and a bag of pears.

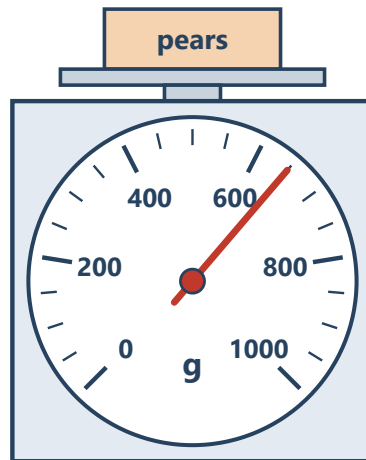
(a)



What is the mass of the apples?

Answer: 400 g

(b)



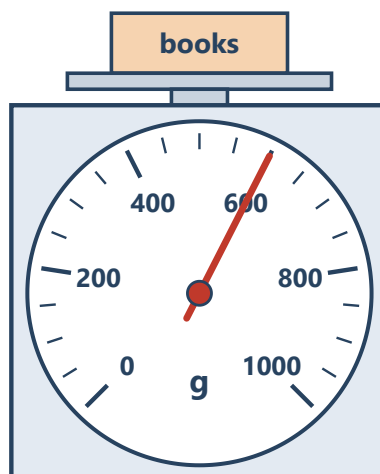
What is the mass of the pears?

Answer: 650 g

(c) What is the total mass of the apples and pears?

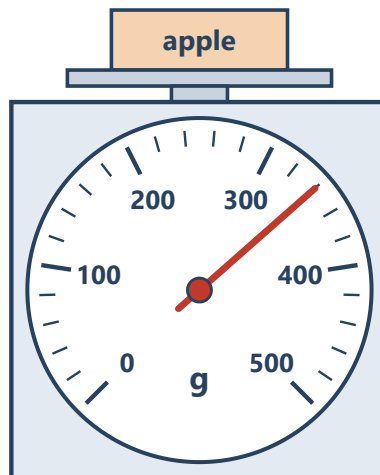
Answer: 1,050 g

8 Three identical books are put on the scale together. Work out the mass of one book.



Answer: 200 g

- 9 Mia reads this scale. She says, "The pointer is at 350 g." What mistake has Mia made? What does the scale show?

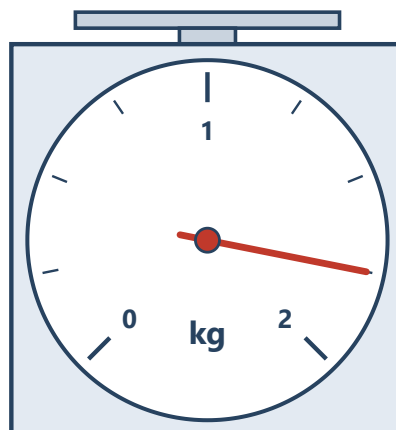


Answer: 340 g

- 10 Always, sometimes or never true? "Each small mark on a scale is worth 1." Explain your answer.

Answer: Sometimes. It depends on the scale

- 11 Look at this weighing scale.



- (a) Each small mark is worth some of a kilogram. How much is each small mark worth?

Answer: 0.25 kg

- (b) What is the mass in kilograms?

Answer: 1.75 kg

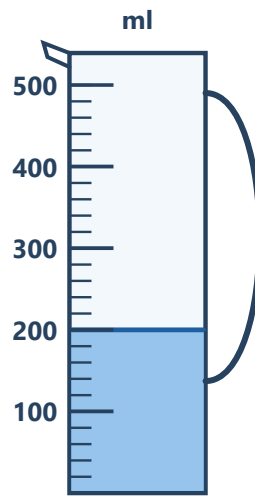
- (c) Write the mass in grams.

Answer: 1,750 g

Exercise 7C Measuring jugs and straight scales Non-calculator

- 1 What is each small mark worth on these jugs?

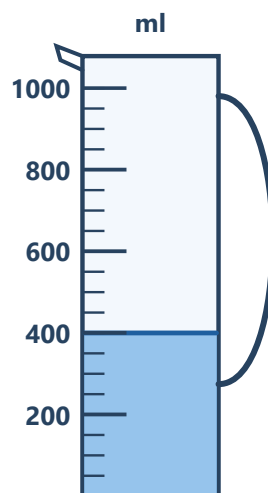
(a)



Each small mark =

Answer: 20 ml

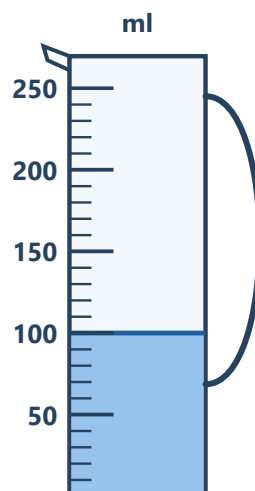
(b)



Each small mark =

Answer: 50 ml

(c)

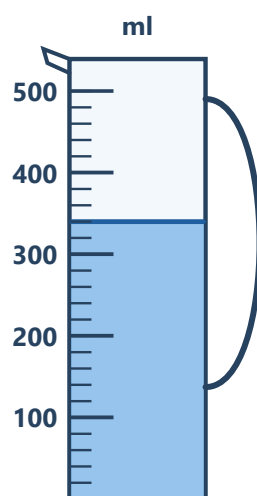


Each small mark =

Answer: 10 ml

2 How much liquid is in each jug? Write the amounts in ml.

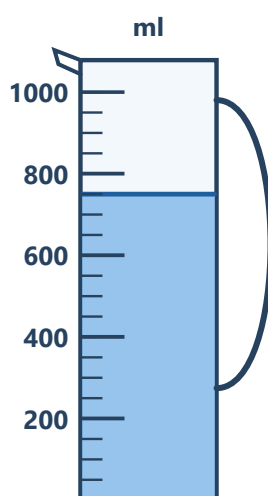
(a)



Amount =

Answer: 340 ml

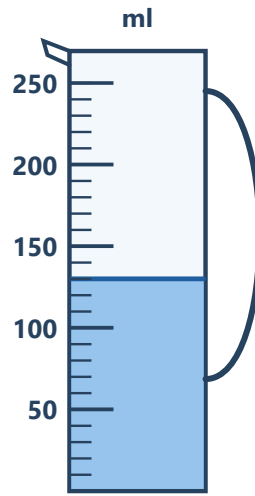
(b)



Amount =

Answer: 750 ml

(c)

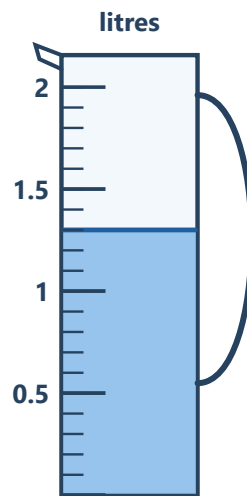


Amount =

Answer: 130 ml

3 These jugs are marked in litres. How much is in each jug?

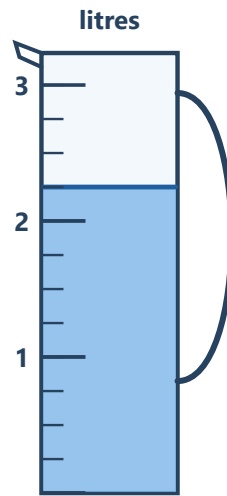
(a)



Amount =

Answer: 1.3 l

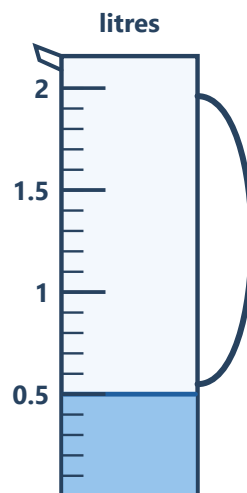
(b)



Amount =

Answer: 2.25 l

(c)

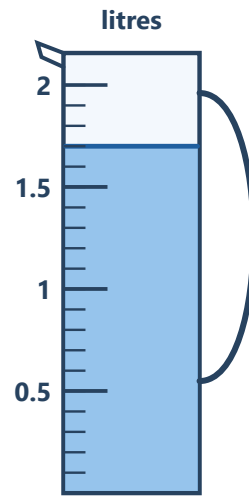


Amount =

Answer: 0.5 l

4 Write the amount in each jug in millilitres.

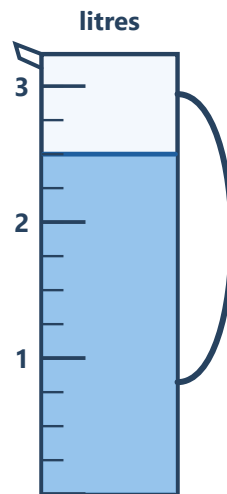
(a)



Amount =

Answer: 1,700 ml

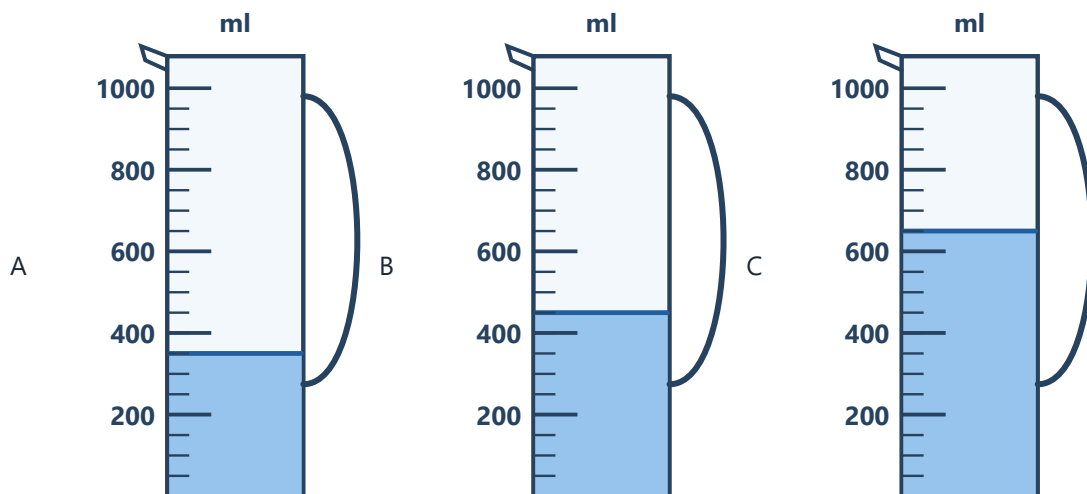
(b)



Amount =

Answer: 2,500 ml

5 Which jug has 450 ml of juice?



Answer: B

6 Read each straight scale.



Reading =

Answer: 26 mm



Reading =

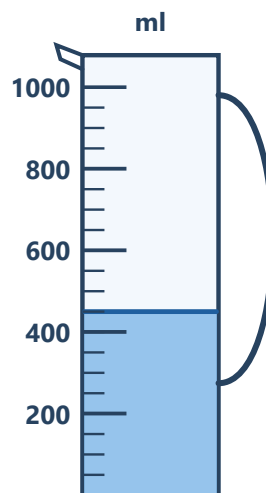
Answer: 65 g



Reading =

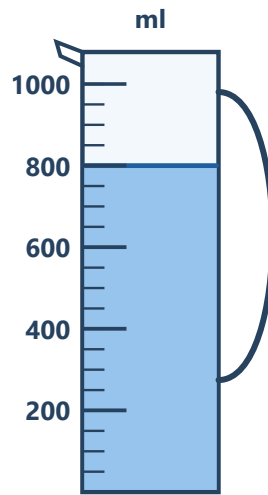
Answer: 275 ml

7 A pancake recipe needs 600 ml of milk. Zoe has put the amount shown in the jug. How much more milk does she need?



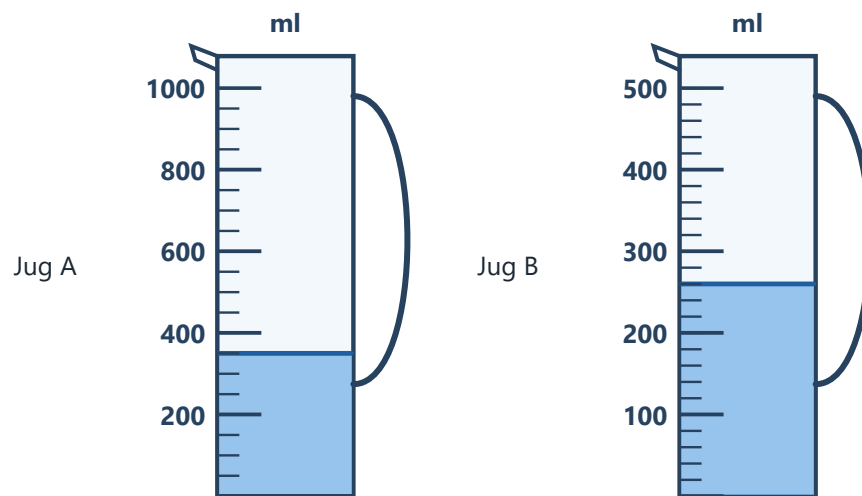
Answer: 150 ml

8 The jug has the amount of water shown. Noah pours out 350 ml. How much water is left in the jug?



Answer: 450 ml

9 Jug A and jug B have different scales.



(a) How much is in jug A?

Answer: 350 ml

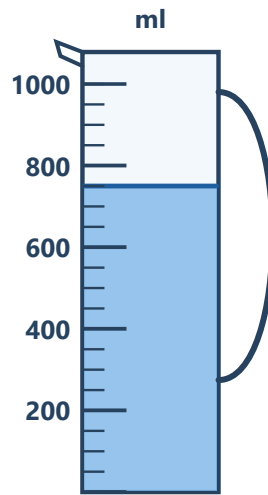
(b) How much is in jug B?

Answer: 260 ml

(c) How much is in both jugs altogether?

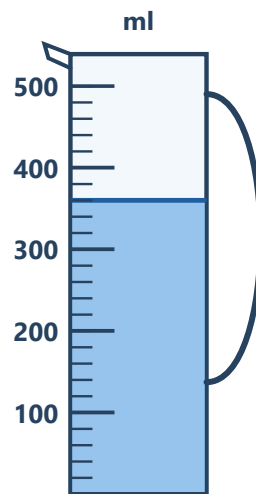
Answer: 610 ml

10 Aisha pours the lemonade in the jug equally into 3 glasses. How much lemonade is in each glass?



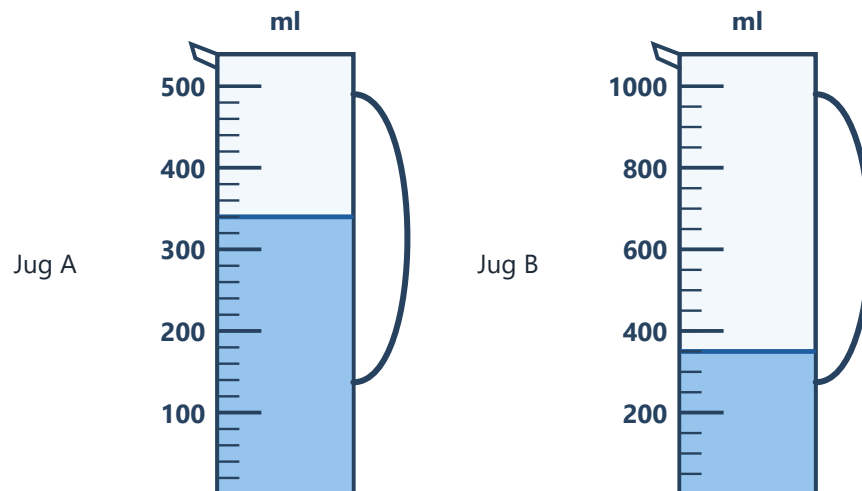
Answer: 250 ml

- 11** Noah says, "This jug has 330 ml in it." What mistake has Noah made? How much is in the jug?



Answer: 360 ml

- 12** Which jug has more water? How much more? Explain how you know.



Answer: Jug B has 10 ml more