Arithmetic

1. 90 x 4

2. 112 – 30

3. $\frac{3}{6} - \frac{2}{6}$

4. $\frac{1}{10} + \frac{7}{10}$

Practice: Add and Subtract Capacity

5. Recap: Explain how to solve this calculation:

3l 300ml + 2l 600ml

6. Calculate these.

a. 5l 100ml + 4l

b. 2l 700ml + 3l 100ml

c. 6l + 4l 20ml

7. Calculate these.

a. 2l 500ml + 1l 600ml

b. 3l 150ml + 3l 900ml

c. 7l 700ml + 500ml

8. Calculate these.

a. 10l 300ml – 2l 100ml

b. 3l 600ml – 400ml

c. 5l 700ml – 2l 50ml

9. Calculate these.

a. 6l – 1l 300ml

b. 5l 200ml – 900ml

c. 4l 200ml – 1l 700ml

10. Explain how to find the missing number.

5l – ? = 4l 500ml

11. Calculate these.

a. 3l – ? = 1l 400ml

b. 700ml + ? = 5l 300ml

c. 2l 50ml + ? = 4l 750ml

12. Calculate these.

a. 5l 400ml + ? = 7l 100ml

b. 10l – ? = 4l 400ml

c. ? – 5 ½ l = 3l 210ml

13. ? + 3l 200ml = 7l 150ml

Joel says the missing number is 10l 350ml.
Is this correct? Explain.

Challenge

14. Three cups hold 1l 500ml when combined.

What else can you derive from this fact?

For example:

Six cups would hold 3l.

You might want to talk to an adult

Spot the mistake

Answers

Q no.	Question	Answer
1	90 x 4	360
2	112 – 30	82
3	$\frac{3}{6} - \frac{2}{6}$	$\frac{1}{6}$
4	$\frac{1}{10} + \frac{7}{10}$	$\frac{8}{10}$
5	Explain how to solve this calculation: 3l 300ml + 2l 600ml	Explanations will vary for this question. Accept any answer that describes an appropriate method to add the two measurements, for example, using column addition or partitioning. The answer is 5l 900ml
6	Calculate these.	a. 9l 100ml, b. 5l 800ml, c. 10l 20ml
7	Calculate these.	a. 4l 100ml, b. 7l 50ml, c. 8l 200ml
8	Calculate these.	a. 8l 200ml, b. 3l 200ml, c. 3l 650ml
9	Calculate these.	a. 4l 700ml, b. 4l 300ml, c. 2l 500ml
10	Explain how to find the missing number. 5l – ? = 4l 500ml	Explanations will vary. Accept answers that explain an appropriate method to be used. For example, pupils may identify that they can, in this calculation, calculate 5l – 4l 500ml to find the missing number (500ml).
11	Calculate these.	a. 1l 600ml, b. 4l 600ml, c. 2l 700ml
12	Calculate these.	a. 1l 700ml, b. 5l 600ml, c. 8l 710ml
13	? + 3l 200ml = 7l 150ml. Joel says the missing number is 10l 350ml. Is this correct? Explain	Joel is incorrect. He has added the two measurements in the calculation to find the missing number, which is an incorrect process to use. Joel should have calculated 7l 150ml – 2l 200ml to find the missing number. The correct answer is 3l 950ml.
14	Three cups hold 1l 500ml when combined. What else can you derive from this fact? For example: Six cups would hold 3l.	Answers will vary. Accept answers that can be derived from the original statement. Example answers: 1 cup = 500ml 2 cups = 1l Half a cup = 250ml