Arithmetic

1. 49 + 100

2. $\frac{2}{8}$ + $\frac{1}{8}$

3. 32 x 6

4. 174 x 9

Practice: Making a Whole and Writing Decimals

5. Recap: What is the value of the digit in bold? How do you know?
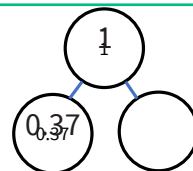
0.4**5**

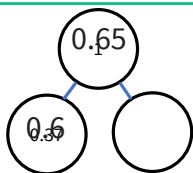**6.** Complete the sentence.

[   ] tenths + 3 tenths = 1 whole

7. Complete the sentence.

55 hundredths + [   ] hundredths = 1 whole

8. Complete the part-whole model.

9. Complete the part-whole model.

10. Write the number represented by the place value grid. Explain how you know your answer is right.

11. What is the missing decimal?

0.3 + [   ] = 0.9

12. What is the missing decimal?

0.21 + 0.41 + [   ] = 0.75

13. Jacob has a place value grid. He says it shows 4.5.
Is Jacob correct?

Challenge

14. Circle the number where 5 has the highest value. Explain how you know.

5.21   91.05   54.08   2.52

Explain why the position of a digit is important.

You might want to talk to an adult

Spot the mistake

Answers

Q no.	Question	Answer
1	49 + 100	149
2	$\frac{2}{8} + \frac{1}{8}$	$\frac{3}{8}$
3	32 x 6	192
4	174 x 9	1,566
5	What is the value of the digit in bold?	The underlined digit is 0.05 or 5 hundredths. Pupils may draw a place value grid to show that this is the value.
6	Complete the sentence.	**7** tenths + 3 tenths = 1 whole
7	Complete the sentence.	55 hundredths + **45** hundredths = 1 whole
8	Complete the part-whole model.	0.63
9	Complete the part-whole model.	0.05
10	Write the number represented by the place value grid. Explain how you know your answer is right.	The answer should be 0.53. Pupils will explain their answer in different ways. Pupils should be able to identify that there are no counters in the ones column which can be represented by 0, then there are 5 counters in the tenths column and 3 in the hundredths column. It is important that pupils know they must include the 0 in the ones column in their answer.
11	What is the missing decimal?	0.6
12	What is the missing decimal?	0.13
13	Is Jacob correct?	Jacob has not understood 0 as a place holder. He has ignored the fact that there are no counters in the tenths column and has instead changed the value of the hundredths. The correct answer should be 4.05
14	Circle the number where 5 has the highest value. Explain how you know. 5.21 91.05 54.08 2.52 Explain why the position of a digit is important.	Five has the highest value in 54.08. This is because the 5 is in the tens column which has the highest value of all the columns represented here. The position of a digit is important as it determines the value of the digit.