Handed out: 11.06.26
Due in: 17.06.26

Must:

Make a whole with tenths

White Rose MATHS

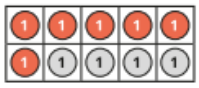
1 What calculations are shown on the ten frames?

a)

8 + ☐ = 10

0.8 + ☐ = 1

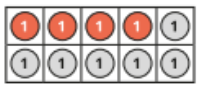
b)



☐ + ☐ = 10

☐ + ☐ = 1

c)



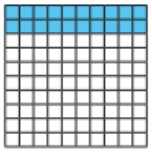
☐ + ☐ = 10

☐ + ☐ = 1

What is the same about the calculations in each pair?

What is different?

2 The hundred square represents 1 whole.



a) How many tenths of the hundred square are shaded?

☐

b) How many tenths of the hundred square are **not** shaded?

☐

c) Write the bond to 1 whole shown on the hundred square.

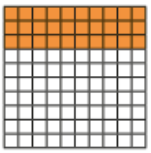
☐ tenths + ☐ tenths = 1 whole

☐ + ☐ = 1

3 Each hundred square represents 1 whole.

Write the bonds to 1 whole shown on the hundred squares.

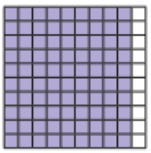
a)



☐ tenths + ☐ tenths = 1 whole

☐ + ☐ = 1

b)

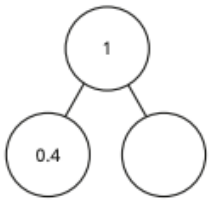


☐ tenths + ☐ tenth = 1 whole

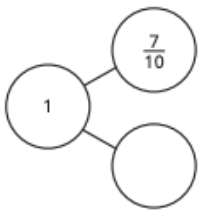
☐ + ☐ = 1

4 Complete the part-whole models.

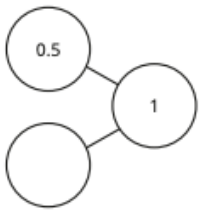
a)



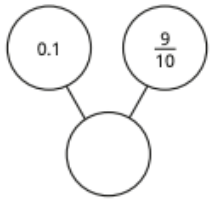
c)



b)



d)



5 Tiny is adding tenths.

0.9 + 0.1 = 0.10

Is Tiny correct? _____

Explain your answer.

6 Fill in the missing numbers.

a) 0.3 + 0.4 + ☐ = 1

b) $1 = \frac{3}{10} + \frac{1}{10} + ☐$

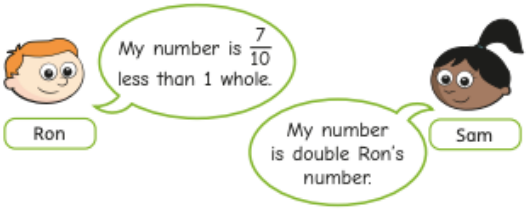
c) $0.5 + \frac{3}{10} + ☐ = 1$

d) $\frac{1}{10} + ☐ + 0.3 = 1$

e) $\frac{3}{10} + ☐ = 1 - \frac{1}{10}$

f) 1 − 0.6 = ☐ + 0.1

7 Ron and Sam are each thinking of a number.



What is the bond to 1 whole for Sam's number?

Give your answer as a fraction and as a decimal.

decimal ☐ fraction ☐

How did you work it out?

Should:

1 5.8 + 3.29 =

1 mark

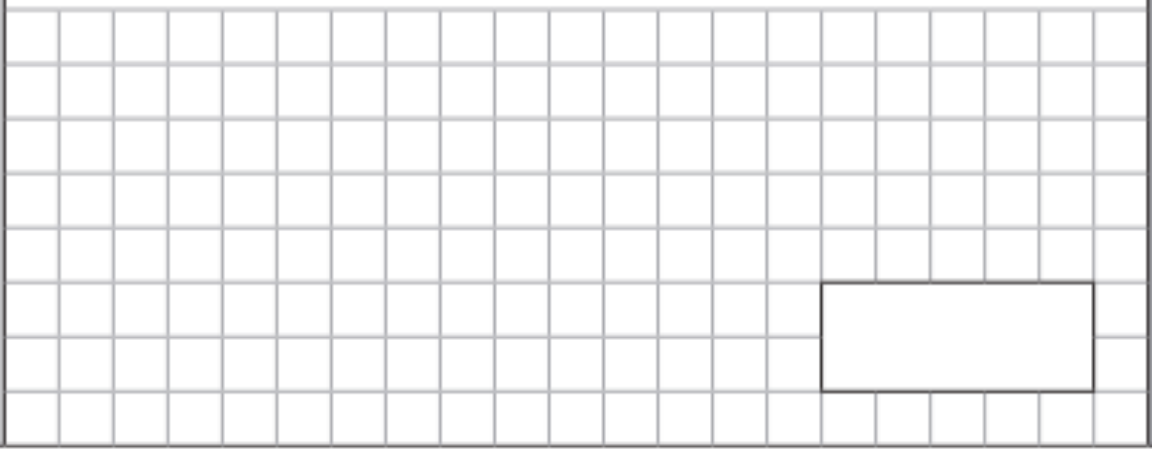
2 6.8 - 2.41 =

1 mark

3 8.04 - 5.6 =

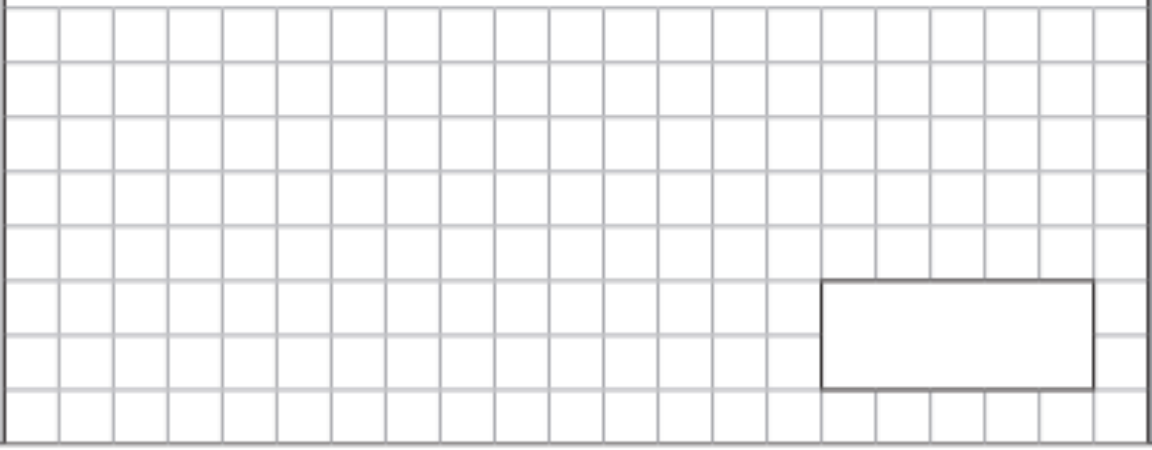
1 mark

4 9.37 + 5.8 =



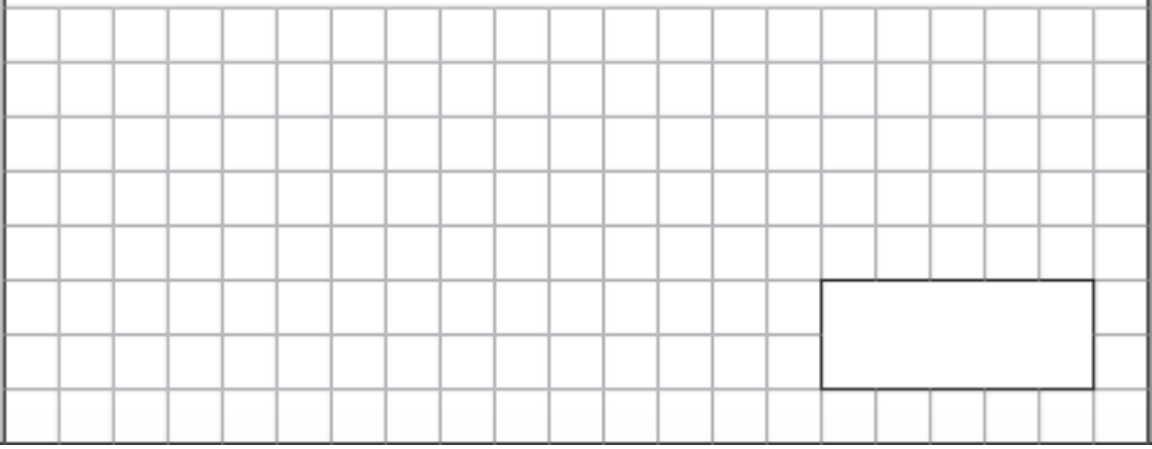
1 mark

5 2.9 + 1.09 =



1 mark

6 8.4 - 6.72 =

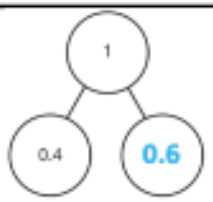
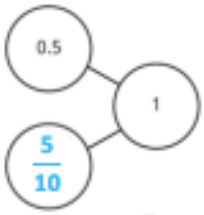
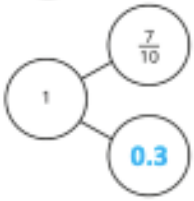
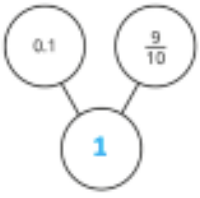


1 mark

Could:

Mark your work and see how you got on. Any mistakes, then fix it and revise.

Must answers:

1	a) $8 + 2 = 10$ $0.8 + 0.2 = 1$ b) $6 + 4 = 10$ $0.6 + 0.4 = 1$ c) $4 + 6 = 10$ $\frac{4}{10} + \frac{6}{10} = 1$ They are adding the same digits, but the first calculation is adding ones and the second calculation is adding tenths.
2	a) 2 b) 8 c) 2 tenths + 8 tenths = 1 whole $0.2 + 0.8 = 1$
3	a) 3 tenths + 7 tenths = 1 whole $0.3 + 0.7 = 1$ b) 9 tenths + 1 tenth = 1 whole $0.9 + 0.1 = 1$
4	a)  or $\frac{6}{10}$ b)  or 0.5 c)  or $\frac{3}{10}$ d) 
5	No 9 tenths + 1 tenth = 10 tenths = 1 whole

6	a) 0.3 b) $\frac{6}{10}$ c) 0.2 d) 0.6 e) $\frac{6}{10}$ f) 0.3
7	0.4 $\frac{4}{10}$ $\frac{10}{10} - \frac{7}{10} = \frac{3}{10}$ Ron's number is $\frac{3}{10}$ so Sam's number is $\frac{6}{10}$

Should answers:

question	answer
1	**9.09**
2	**4.39**
3	**2.44**
4	**15.17**
5	**3.99**
6	**1.68**