Bronze

1b. Use the cubes and tables to calculate:

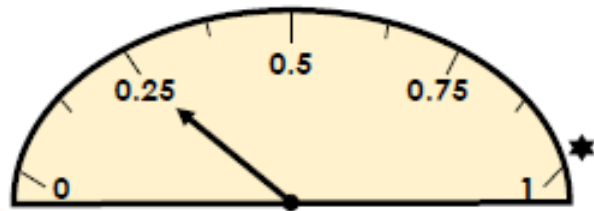| Ones	Tenths	Hundredths

How much is 1 tenth less than this?
Now subtract 2 hundredths?

2b. What is the difference between the reading on the scale and your target weight marked with ✷.

0.5

0.25   0.75

0   1

3b. Find the missing number in each bar model.

	0.12
0.86	

	0.45
0.67	

	0.26
0.87	

Now write each as a subtraction.

4b. True or false?

$$0.78 - 0.64 = 0.16$$

5b. Calculate the following using a number line.

0.15   0.48

1b. Denise solved these number sentences using <, > or =

$0.82 - 0.61 > 0.1 + 0.34$

$0.04 + 0.04 = 0.6 + 0.2$

$0.1 - 0.04 = 0.3 + 0.3$

$0.96 - 0.43 < 0.22 + 0.33$

Has she solved them correctly? Correct any mistakes you find.

2b. A carpenter is cutting lengths of wood from planks which are 0.85m in length.

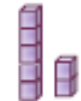| 1	0.34 m
2	0.53 m
3	0.12 m
4	0.74 m
5	0.83 m

How much waste does each cut create?

3b. Using the digit cards below for subtraction, Jessica thinks the largest number she can make will be > 0.5.

6	2	8	4

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     0 .
  -  0 .
_____
     0 .
_____
```

Is she correct? Explain your answer.

6b. Use the cubes and tables to calculate:

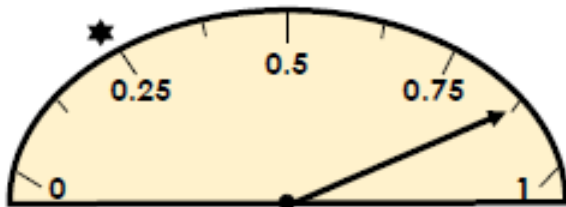| Ones	Tenths	Hundredths	Thousandths

How much is 4 tenths less than this?
Now subtract 8 hundredths?
What is another 2 thousandths less?

☆ VF

7b. What is the difference between the reading on the scale and your target weight marked with ✷.

0.25   0.5   0.75
0   1

☆ VF

8b. Find the missing number in each bar model.

	0.623
0.839	

	0.159
0.764	

	0.46
0.783	

Now write each as a subtraction.

☆ VF

9b. True or false?

$$0.175 - 0.089 = 0.091$$

☆ VF

10b. Calculate the following using a number line.

0.635   0.982

4b. Jonnie solved these number sentences using <, > or =

$$0.95 - 0.141 = 0.701 + 0.038$$

$$0.114 - 0.008 > 0.892 - 0.786$$

$$0.474 - 0.04 = 0.47$$

$$0.1 + 0.009 < 0.546 - 0.455$$

Has he solved them correctly? Show why you think so correcting any mistakes you find.

☆ PS

5b. Class 5 are having a sponsored sunflower growing competition. To meet their target, the flower needs to grow 0.423cm every two days.

Mon	0.116 cm
Wed	0.309 cm
Fri	0.067 cm
Mon	0.16 cm
Wed	0.006 cm

How much have they missed their target by each day?

☆ PS

6b. Using the digit cards below for subtraction, Riley thinks the largest number he can make will be > 0.9

7	2	5	8	7	0

	0	.		
−	0	.		
	0	.		

Is he correct? Explain your answer.

11b. Use the cubes and tables to calculate:

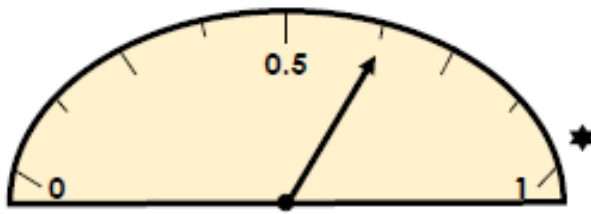| Ones	Tenths	Hundredths	Thousandths

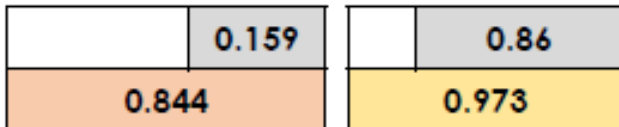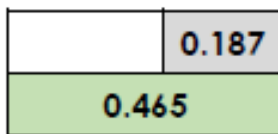How much is 5 hundredths and 9 thousandths less than this?

☆ VF

12b. What is the difference between the reading on the scale and your target weight marked with ✱. Give your answer in kilograms.

☆ VF

13b. Find the missing number in each bar model.

	0.187
0.465	

0.159	
0.844	

	0.86
0.973	

Now write each as a subtraction.

☆ VF

14b. True or false?

$$0.769 - 0.08 = 0.761$$

☆ VF

15b. Calculate the following using a number line.

0.005   0.082

7b. Amaya solved these number sentences using <, > or =

$$0.195 - 0.149 = 0.792 - 0.753$$

$$0.472 - 0.385 > 0.673 - 0.596$$

$$0.474 - 0.08 < 0.953 - 0.569$$

$$0.009 + 0.594 < 0.607 - 0.004$$

Has she solved them correctly? Show why you think so correcting any mistakes you find.

☆ PS

8b. Joe needs to knit at least 0.673m of his pattern each day to complete the garment by the weekend. This is his knitting record.
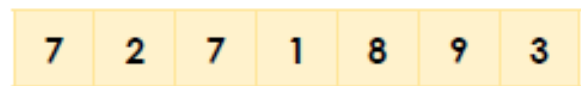
Mon	0.673 m
Tues	0.567 m
Wed	0.684 m
Thurs	0.43 m
Fri	0.098 m

How far off his target is he each day?

☆ PS

9b. Using the digit cards below for subtraction, Robyn thinks the largest number he can make will be:
< 0.846 and > 0.832

7	2	7	1	8	9	3

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      0 .
  -   0 .
  _____
      0 .
```

Is he correct? Explain your answer.

1. Callum and Jessica like different strengths of orange juice. Callum makes his drink using 0.107 litres of concentrated juice, while Jessica uses twice as much.

If they share a one litre bottle of concentrated juice, how many servings can they each have?

If the two friends drink an unequal number of servings, what possible combinations might there be?

2. Estimate the decimal indicated by the arrow on the number line below. Fill in the number sentence with your estimate as the answer.

0   ↑   0.764   1
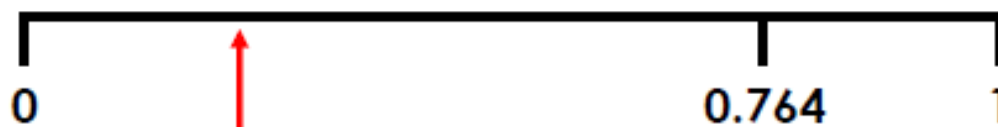
0.764 – ☐ = ☐

Is your answer the same as your partner's?

What is the difference between your two answers?