Name	•	Year 5 Autumn I Problem solving and reas	soning
Class:	Date:		
	Write in any two numbers that could find the second seco	ill these boxes.	
2	Write the five numbers in order , from l	largest to smallest.	
[65 908 96 590 56 908 Image: Image	65 899 96 950	2
	Which of these are correct ? Put a tick (/) or cross (X) in the box n	ext to each calculation.	
c	a) 1672 + 120 = 1792		
ł	b) 2437 + 520 = 2939		
C	c) 3957 – 2030 = 1627		
C	d) 678I – 340 = 644I		2

Peter has saved £190. His grandmother gives him £50 for his birthday, and he then spends £80 on some new computer games. How **much** does he have left?



George says that he **added 48** to **375** in his head. Explain here how he might have done this and write the answer.

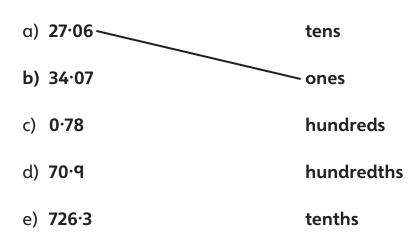
a) 220 is how many more than 176?

b) What number is **I60 less** than **583**?



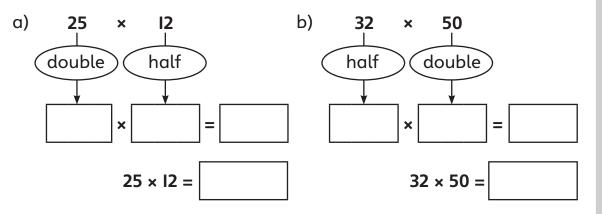
5

Match the value of the digit 7 in each of these numbers to the correct place value. The first one is done for you.



- a) What is added to 45.67 to make 45.69?
- b) What is subtracted from 7.86 to make 7.76?

q Show how to use **doubling** and **halving** to work out the answers.



7

8

Here is a bus timetable.

Destination	Departs (24 hour clock)	Departs (am/pm time)	Arrives (am/pm time)
Cardiff	07:15		10:20 am
Manchester		6:50 pm	12:10 am
Edinburgh	13:30		10:10 pm

- a) Complete the missing **departure** times in the table.
- b) How long does the journey take to Cardiff?
- c) Robbie takes the bus to Manchester and Lucy the bus to Edinburgh.
 How many hours before Robbie arrives in Manchester does Lucy arrive in Edinburgh?

hrs

 \bigcirc 3

Write in the **missing** numbers.

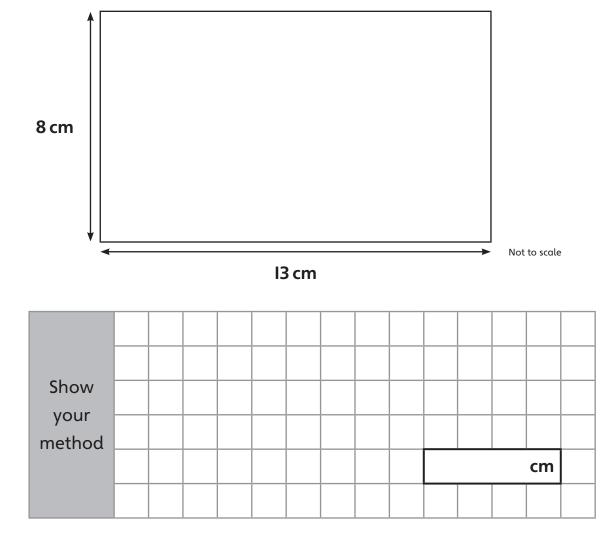
a)
$$\frac{1}{2}$$
 km = m b) $\frac{1}{10}$ m = m cm

a) Measure this line to the nearest mm. 12

mm

b) In the space below, draw a line that is exactly **I05 mm** long.

Calculate the perimeter of this rectangle. 13



- Jane has a £20 note. She spends £12.60 on a ticket to the cinema.
 - a) How much **change** does she get?



b) She then buys a drink for £1.45.How much does she have left?

You can use the space below for workings.



15

7I2 – 555 = ?

Circle the correct answer.

l67 l57 57

Explain how you can work this out in your head.

For teacher use

Your mark	out of 30	
What went well		
How to improve		