

If you have any questions about your  
learning, please email:  
[learning@wembleyprimary.brent.sch.uk](mailto:learning@wembleyprimary.brent.sch.uk)

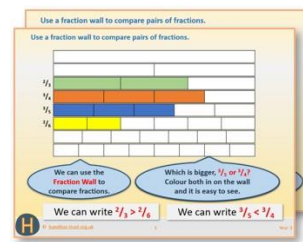
Remember to check Education City  
regularly.

## Day 2

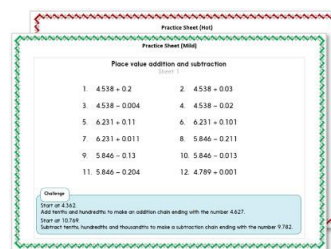
## Place 6-digit numbers on landmarked lines.

**Each day covers one maths topic. It should take you about 1 hour or just a little more.**

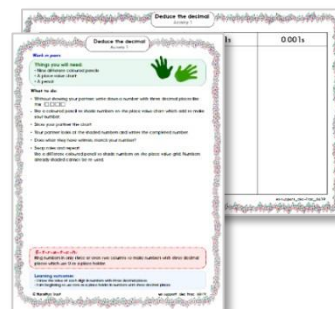
1. Start by reading through the **Learning Reminders**. They come from our *PowerPoint* slides.



2. Tackle the questions on the **Practice Sheet**.  
There might be a choice of either **Mild** (easier) or **Hot** (harder)!  
Check the answers.

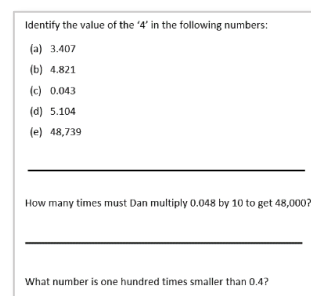


3. Finding it tricky? That's OK... have a go with a grown-up at [A Bit Stuck?](#)



4. Think you've cracked it? Whizzed through the Practice Sheets? Have a go at the **Investigation**...

5. Have I mastered the topic? A few questions to **Check your understanding**.  
Fold the page to hide the answers!



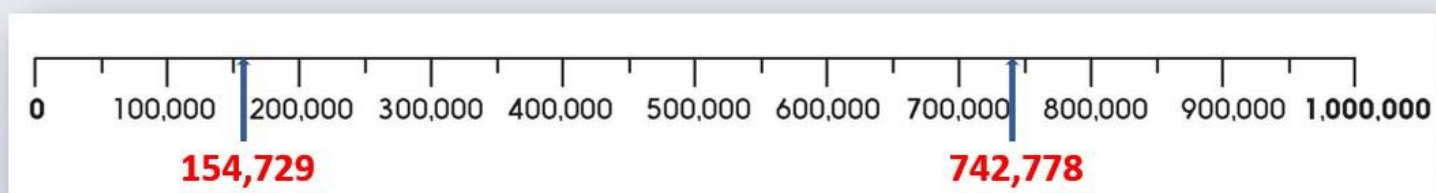
## Learning Reminders

### Place 6-digit numbers on landmarked lines

**1,000,000.**

One million has 6 zeros!  
It also has one digit for every  
letter in the word 'million'.

We can place large numbers on a  
0-1,000,00 number line using the  
landmarks as a guide.



**154,729 comes  
after 150,000.**

**742,778 comes  
before 750,000.**

## Learning Reminders

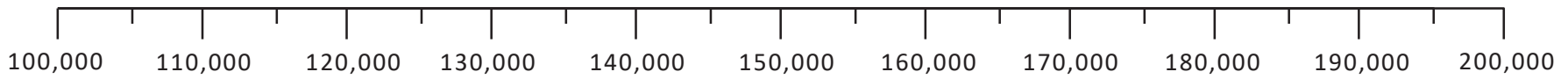
Place 6-digit numbers on landmarked lines



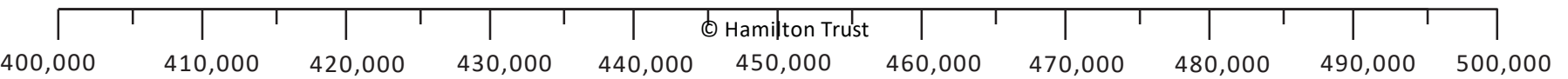
# Practice Sheet Mild

## Placing numbers

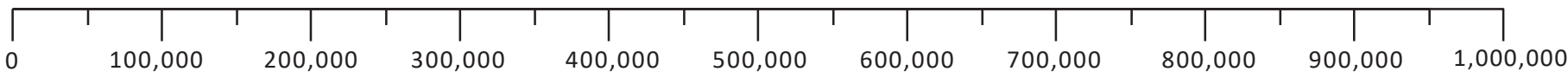
Mark on the following numbers: 125,000, 132,000, 175,000, 199,000



Mark on the following numbers: 415,000, 429,000, 463,000, 472,000



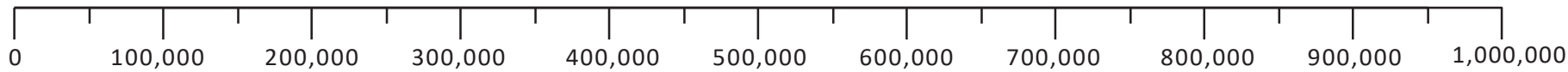
Mark on the following numbers: 350,000, 425,000, 575,000, 730,000.  
Then mark on a number between 200,000 and 300,000, one between 500,000 and 600,000, and one between 800,000 and 900,000.



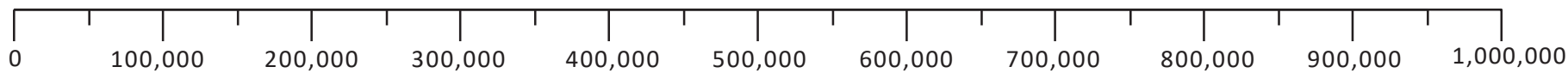
# Practice Sheet Hot

## Placing numbers

Mark on the following numbers: 350,000, 425,000, 575,000, 730,000



Mark on the following numbers: 249,000, 301,000, 425,000, 894,000



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Label this number line, then mark on the following numbers: a) 93,000, b) 342,000, c) 206, 000, d) 163,000, e) 482,000

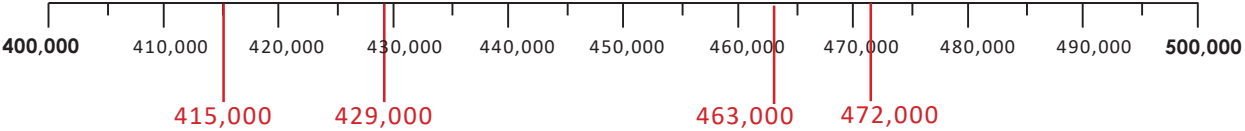
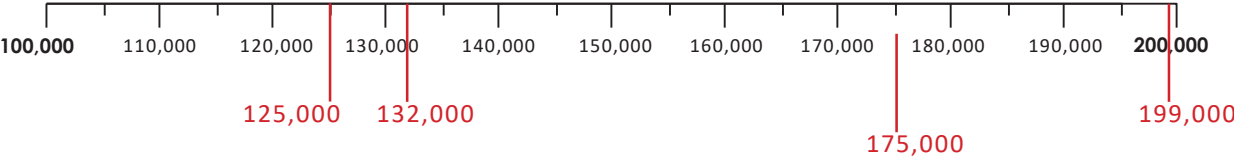


### Challenge

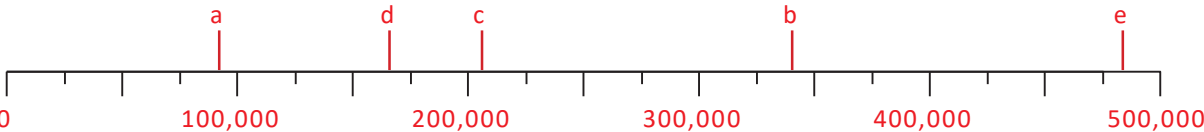
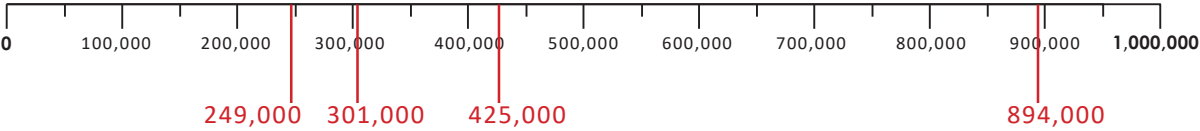
Sketch a number line from 0 to 1,000,000. Divide it into 10 equal squares, and number each square. Choose 5 numbers to mark on it.

Practice Sheets Answers

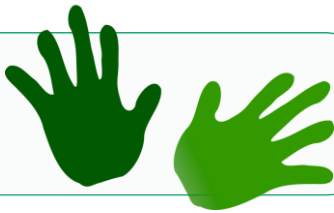
Placing numbers (mild)



Placing numbers (hot)



A Bit Stuck?  
Line 'em up!

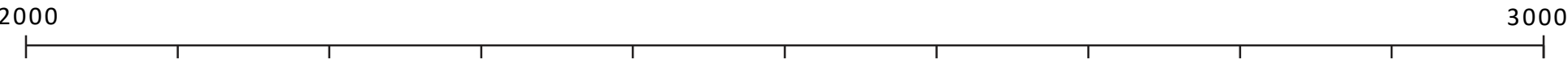


Work in pairs, but write on your own sheet

What to do:

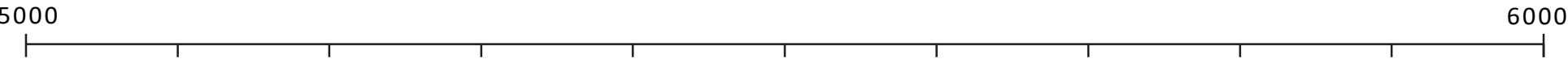
- Shuffle a pack of 1 to 9 cards. Turn them over one at a time. Use them to fill in the missing digits in these 4-digit numbers. Mark them on the line.

2         2         2



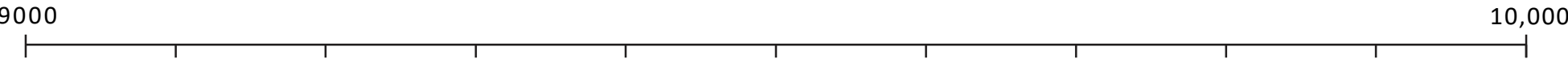
- Shuffle the cards again and use them to fill in the missing digits in these 4-digit numbers. Mark these on the line.

5         5         5



- Shuffle the cards again and use them to fill in the missing digits in these 4-digit numbers. Mark these on the line.

9         9         9



S-t-r-e-t-c-h:

Shuffle the digit cards. Take four to make a 4-digit number. Draw a line from the multiple of 1000 before the number to the multiple of 1000 after the number. Mark the number on the line. Repeat.

Learning outcomes:

- I can place 4-digit numbers on a line marked in 100s.
- I am beginning to place 4-digit numbers on a line marked in 1000s.



1

2

3

4

5

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6

7

8

9

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## Investigation

### In-between if you can!

#### You will need:

- 0 to 1,000,000 landmarked line
- 0 to 9 cards

#### What to do:

- Shuffle the pack of 0–9 cards. Take six random cards and use the same 6 digits in two *different* ways to make a pair of 6-digit numbers. Mark them on the 0 to 1,000,000 line using a pencil.

○	
○	Example:
○	Choose 2, 4, 5, 6, 7, 9
○	Make two numbers:
○	794,256
○	459,672
○	

- Shuffle the cards and take six more cards at random. Can you use them to make a number **between** the two already on the line?

○	
○	Example
○	You take 0, 1, 7, 9, 4, 6
○	And make 679,014
○	

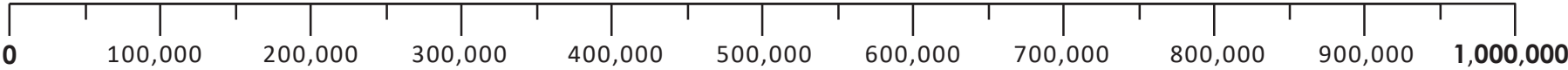
- Start with 10 points. If successful in placing the new number between the first two, you score a point; if not you lose a point!
- Erase the numbers and repeat...
- How quickly can you reach 20 points?  
*Can you describe a strategy to help win the points?*

#### Challenge

1. Play the game in reverse...
2. Try to place your first two numbers so that is impossible to place a third number between them.

*What are good strategies this time?*

Investigation  
In-between if you can!



Investigation  
In-between if you can!

1

2

3

4

5

6

7

8

9

0

## Check your understanding

### Questions

True or false?

- 10 more than 99,999 is 100,090
  - 100 less than 202,020 is 201,920
  - 199,009 add 1000 is 201,009
  - Add 10,000 to 105,432 five times to get 150,432
- 

Which of these numbers come before 350,000 on a number line and which after?

372,500      349,944      309,999      355,555

*Fold here to hide answers*

## Check your understanding

### Answers

True or false?

- 10 more than 99,999 is 100,090 **False, it is 100,009.**
  - 100 less than 202,020 is 201,920 **True.**
  - 199,009 add 1000 is 201,009 **False, it is 200,009.**
  - Add 10,000 to 105,432 five times to get 150,432 **False, it is 155,432.**
- 

Which of these numbers come before 350,000 on a number line and which after?

- 372,500 **After**
- 349,944 **Before**
- 309,999 **Before**
- 355,555 **After**