

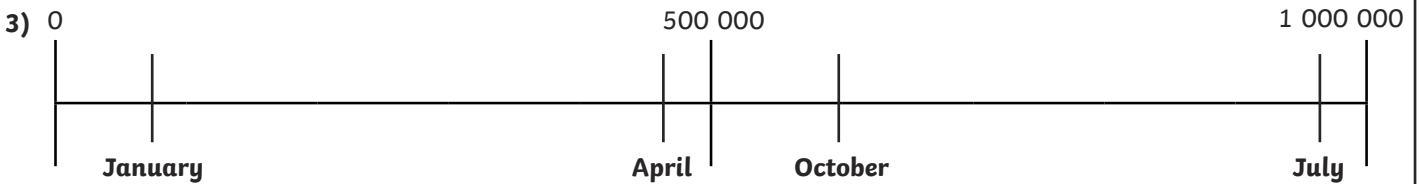


1) Make these statements true by using the < or > symbol.

Monday's earnings	>	Wednesday's earnings		
Thursday's earnings	>	Tuesday's earnings		
Friday's earnings	<	Tuesday's earnings		
Tuesday's earnings	<	Thursday's earnings	>	Friday's earnings

2)

smallest	£42 042 Friday	£42 047 Tuesday	£42 568 Wednesday	£43 113 Thursday	£43 125 Monday	greatest
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1) Rodrigo - B

Thelma - C

2) a) Leo is incorrect. The largest number Fiona could make is 863 210.

b) There are many possible answers. Both numbers should be larger than 836 210. The fourth number should be larger than the third.

c) Leo has ordered the numbers in ascending order not descending order.



1) Freddie is incorrect. 167 980 is a possible answer but it is not the only possible answer.

Christie is incorrect. The last card must be larger than 167 998. 167 000 is smaller than 167 998 so it is not a possible answer.

Emmanuel is incorrect. When the number cards are put in descending order, 167 998 will be the second card.

2) a) This is sometimes true. When you are ordering numbers in ascending order, the largest number will come last. However, the largest number will come first if you are putting the numbers in descending order.

b) This is sometimes true. With a set of numbers that all have a different digit in the highest value place value column, you only need to look at this – for example, 23, 54 and 78. However, if the digits are the same then you need to look at the next highest value place value column.

c) Always true.



Three ones

Five ones

Six ones

Zero ones

Two ones

Nine ones

Two tens

Six tens

Seven tens

One ten

Four tens

Eight tens

**Five
hundreds**

**Nine
hundreds**

**Zero
hundreds**

**Four
hundreds**

**Six
hundreds**

**Eight
hundreds**

**Two
thousands**

**Seven
thousands**

**One
thousand**

**Four
thousands**

**Three
thousands**

**Six
thousands**

**One ten
thousand**

**Nine ten
thousands**

**Eight ten
thousands**

**Three ten
thousands**

**Five ten
thousands**

**Four ten
thousands**

**Zero hundred
thousands**

**Six hundred
thousands**

**Nine hundred
thousands**

**Five hundred
thousands**

**Four hundred
thousands**

**Two hundred
thousands**



1) Here are the earnings from the gift shop at a theme park.

Monday	£43 125
Tuesday	£42 047
Wednesday	£43 113
Thursday	£42 568
Friday	£42 042

Make these statements true by using the < or > symbol.		
Monday's earnings		Wednesday's earnings
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		Friday's earnings

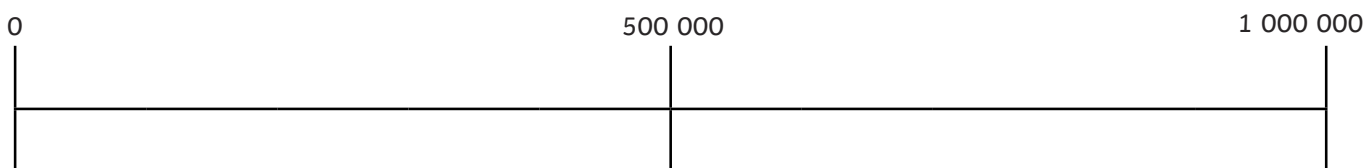
2) Order the amounts of money in ascending order.

smallest						greatest
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3) Here are the theme park's average ticket sales for different months of the year.

January	100 000
April	450 000
July	950 000
October	600 000

Estimate where these numbers would sit on a number line. Mark them and label the month.





1) Match the child to the set of numbers that satisfies their clue.

I've put numbers between 50 000 and 200 000 in order.



Rodrigo

I need to swap around two numbers to order my numbers correctly.



Thelma

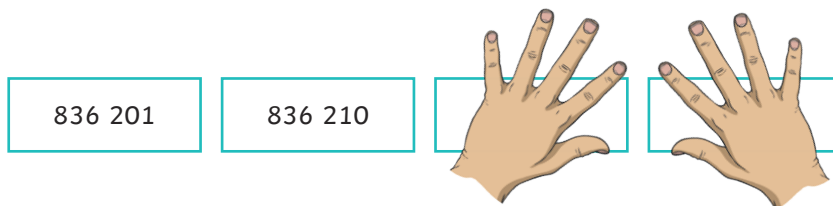
- | | |
|---|------------------------------------|
| A | 760 891, 761 545, 761 877, 761 898 |
| B | 760 891, 761 545, 761 877, 761 898 |
| C | 76 882, 289 776, 332 540, 312 740 |

2) Fiona picked 6 cards from a set of 0-9 digit cards. She arranged them to make as many 6-digit numbers as she could.



a) Leo says that the greatest number Fiona could make is 632 801. Do you agree? Explain your answer.

b) Fiona makes four numbers using these digit cards and arranges them in ascending order. She covers the last two numbers.



Which numbers could go in the last two boxes? Find two possible answers for each box.

c) Leo makes four numbers of his own. He arranges them in descending order.



Do you agree with his work? Explain your answer.



1) Read the statements about the cards in ascending order below.

167 972		167 998	
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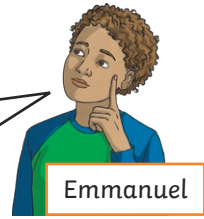


The second card could only be 167 980.



The last card could be 167 000.

167 998 will be in the same position if the cards are put in descending order.



Emmanuel

Do you agree with the children's statements? Explain your answers.

2) Are the following statements always, sometimes or never true? Explain your answers.

a) When ordering numbers, you always put the largest number last.

b) You only need to look at the digit with the largest value when ordering numbers.

c) Putting an odd amount of numbers in ascending order gives you the same middle number as when you put the group of numbers in descending order.

Number Ordering Cards

To order and compare numbers to 1 000 000.



Cut out these cards and use them to complete the Spiral Ordering Activity Sheet.

1000	9000	2000	3500
7000	7300	1250	1700
500	2750	8500	5500
3000	9250	2900	100
4500	8000	9500	9900

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Number Ordering Cards

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25 000	75 000	12 500	87 500
31 900	10 200	10 250	29 400
7500	15 300	19 000	65 250
56 000	91 300	91 030	70 500
30 750	5000	69 000	40 000

25 000	75 000	12 500	87 500
31 900	10 200	10 250	29 400
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56 000	91 300	91 030	70 500
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Number Ordering Cards

To order and compare numbers to 1 000 000.



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500 000	250 000	750 000	330 400
25 850	920 600	960 200	45 700
815 700	851 900	123 480	132 840
600 000	690 200	700 000	850 000
303 900	457 000	213 408	990 900

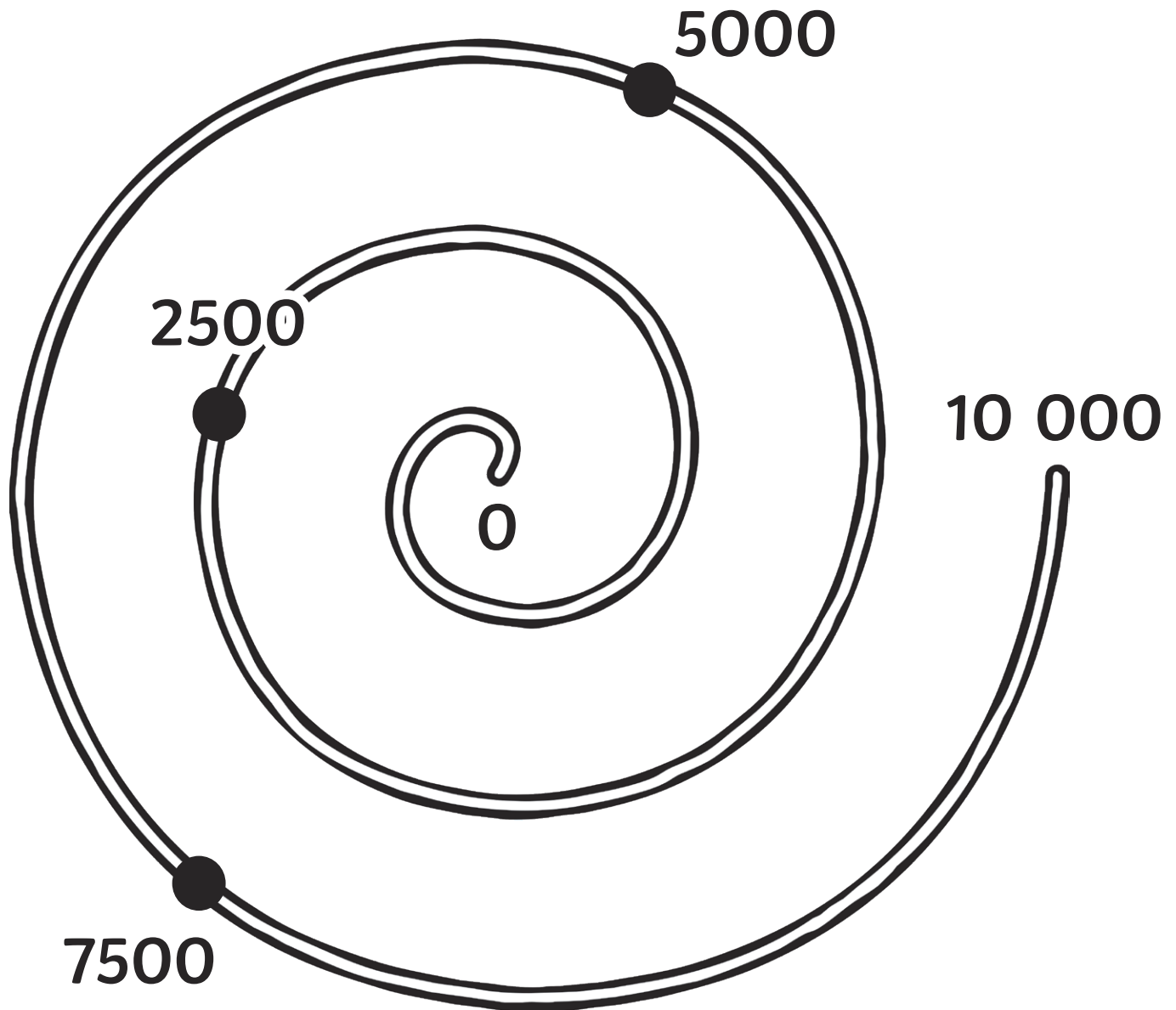
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Spiral Ordering

To order and compare numbers to 1 000 000.



Play this game with a partner. Take turns to draw a Number Card. Label your number on the spiral. The first player to get three numbers in a row is the winner!

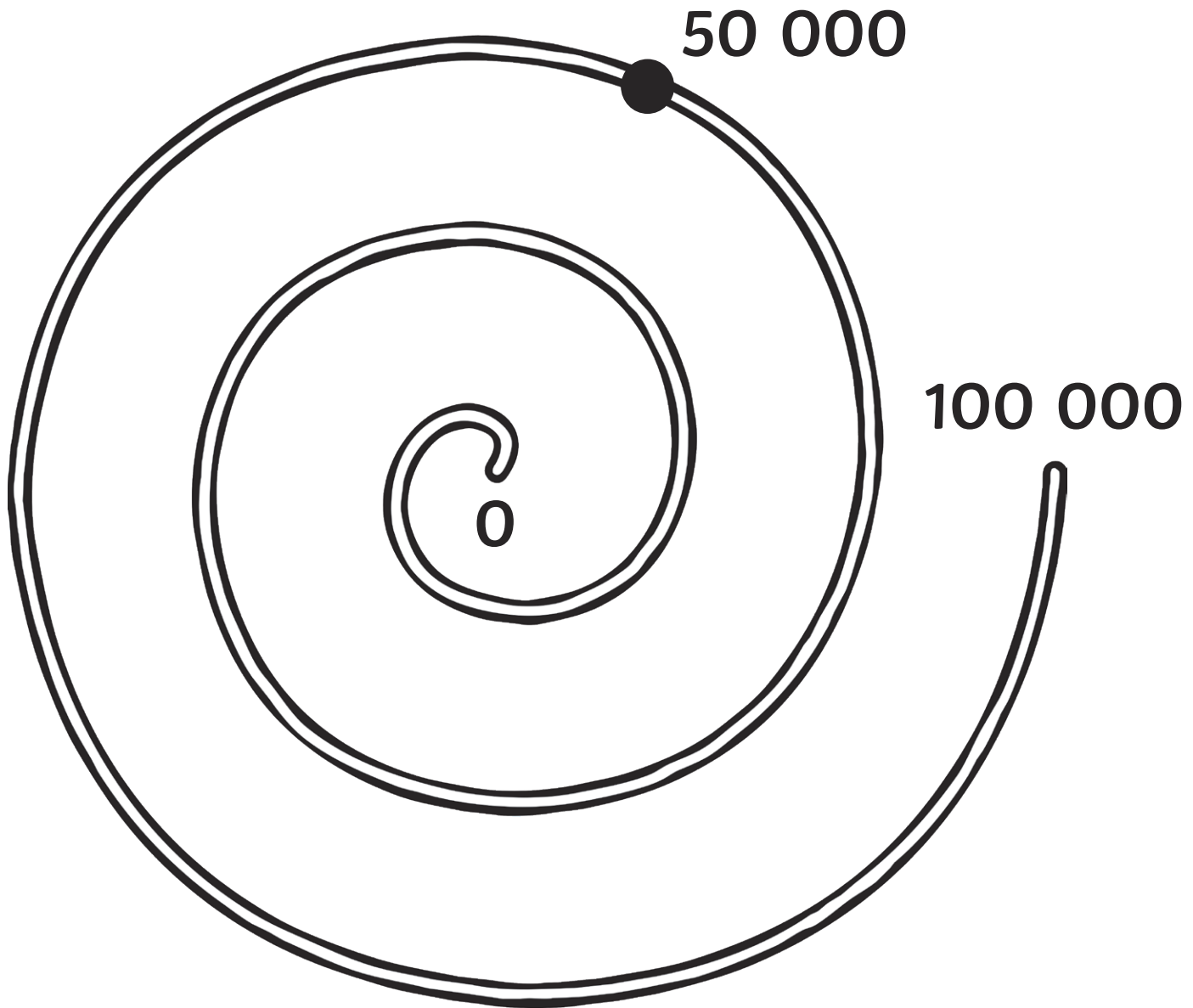


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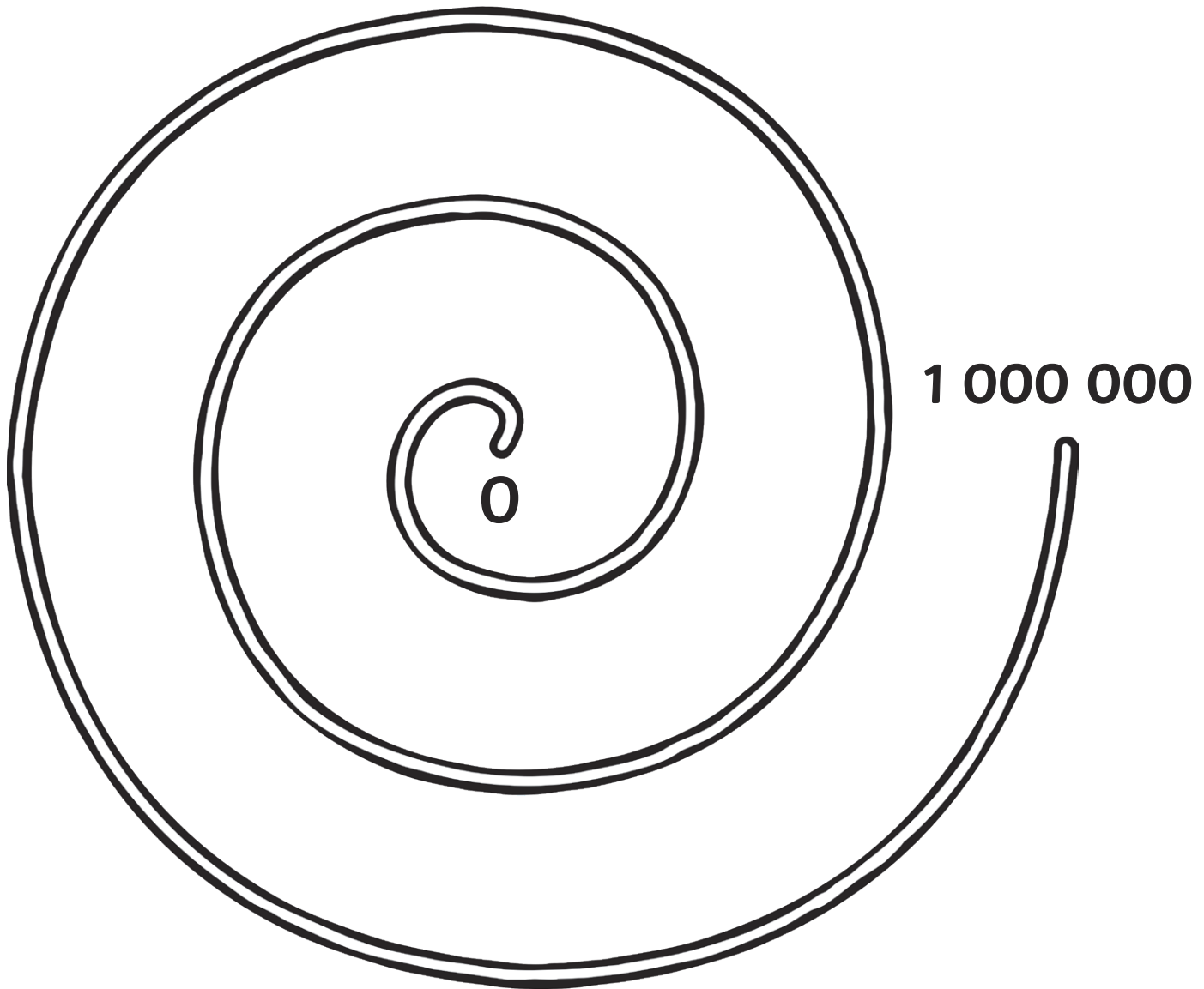


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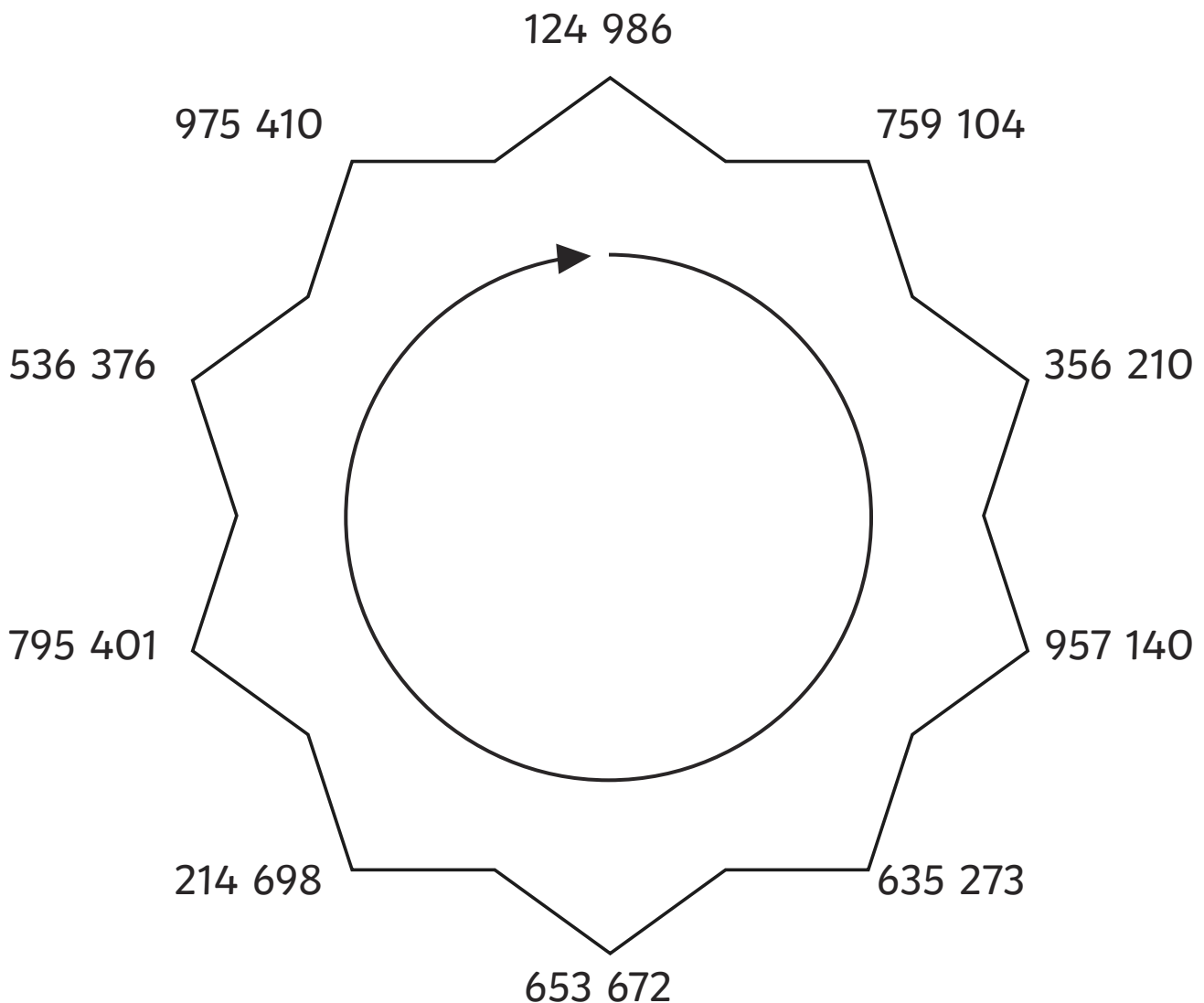


Star Swap

To order and compare numbers to 1 000 000.



The numbers on the points of this star are in order from lowest to highest. However, two opposite pairs of numbers have been swapped. Can you work out which opposite pairs need to be swapped to get the numbers in order?



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- 3) Here are the theme park's average ticket sales for different months of the year.

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Draw a number line from 0 to 1 000 000.
Estimate where these numbers would sit on a number line. Mark them and label the month.

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I've put numbers between 50 000 and 200 000 in order.

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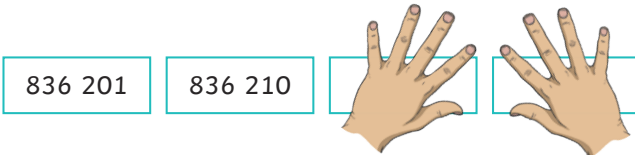
Thelma

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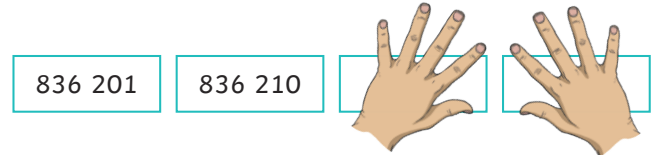
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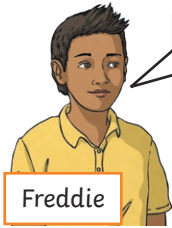
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Freddie

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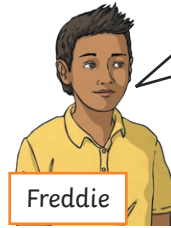
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