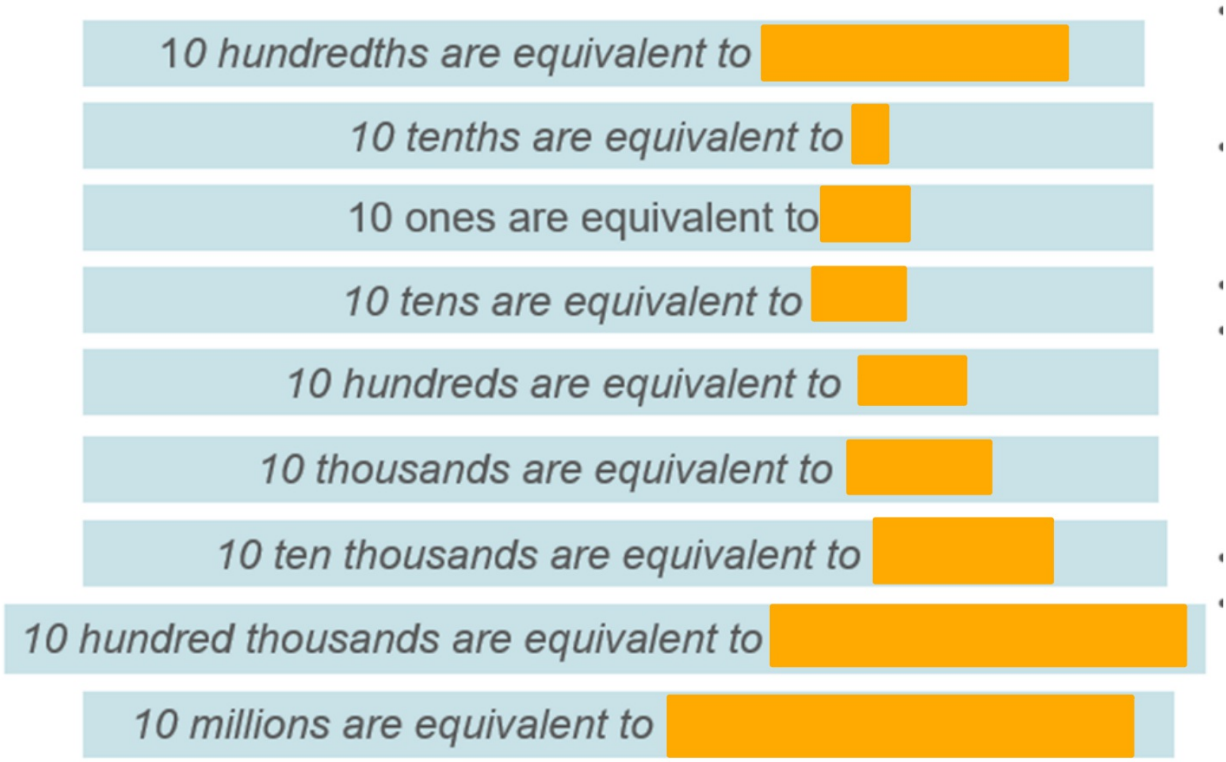
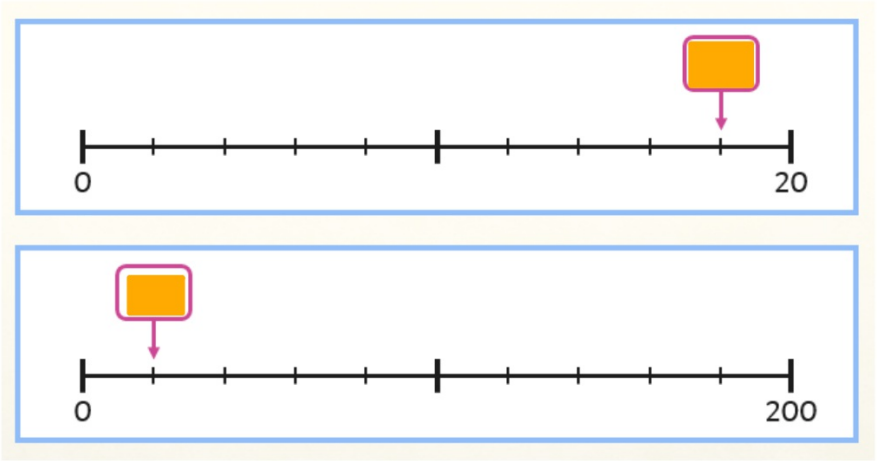
4.5.21

Where does the number lie?

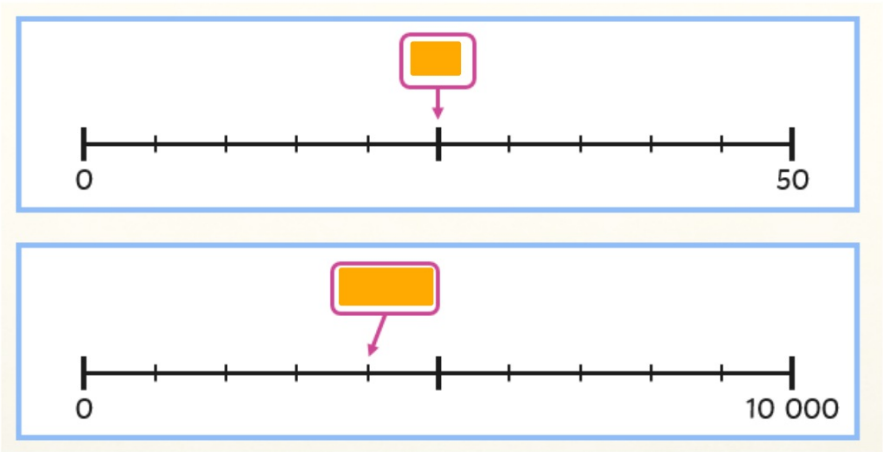
Count on in steps of 10 from:
240,900
379,900


10 hundredths are equivalent to
10 tenths are equivalent to
10 ones are equivalent to
10 tens are equivalent to
10 hundreds are equivalent to
10 thousands are equivalent to
10 ten thousands are equivalent to
10 hundred thousands are equivalent to
10 millions are equivalent to

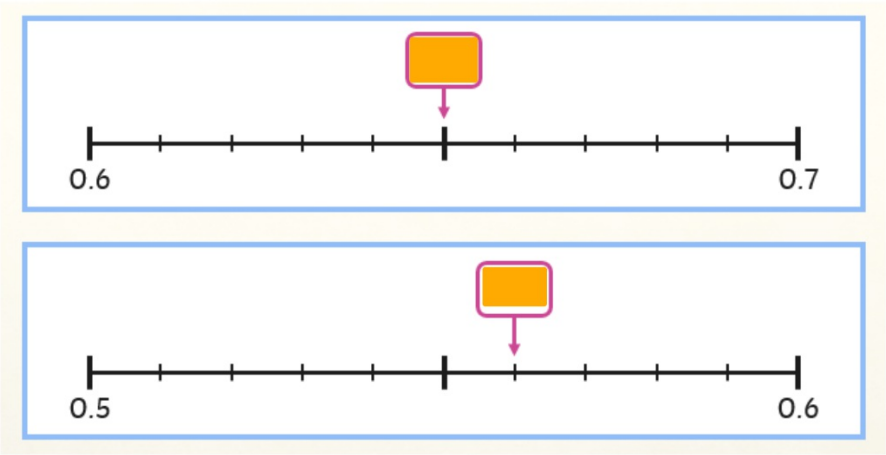
What value are the arrows pointing to?
Explain how you know



What value are the arrows pointing to?
Explain how you know



What value are the arrows pointing to?
Explain how you know

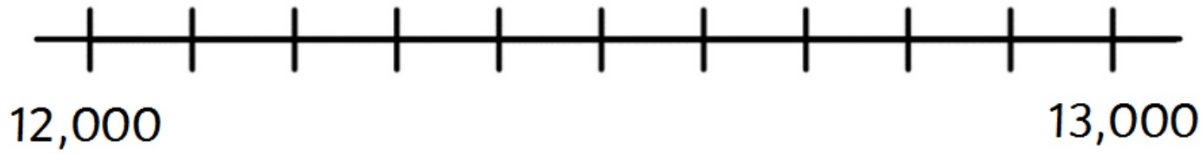


12,500

Read the number

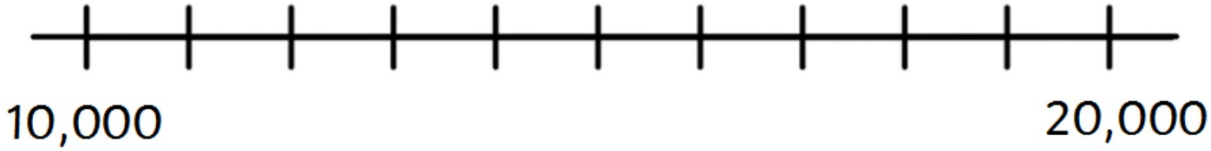
What is the value of the digits?

Where does the number lie?



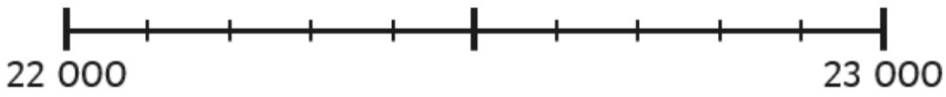
How do you know?

Where does 12,500 lie on this number line?



How do you know?

Where does 22,350 lie on this number line?

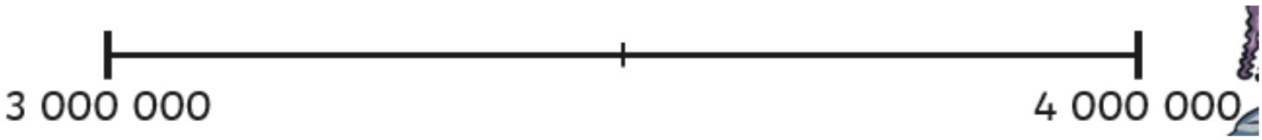


How do you know?

Where does 162,500 lie on this number line?

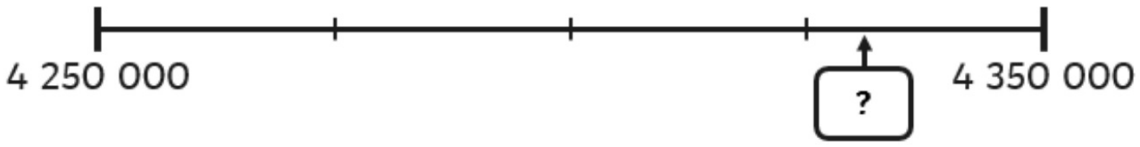
How do you know?

Where does 3,400,000 lie on this number line?

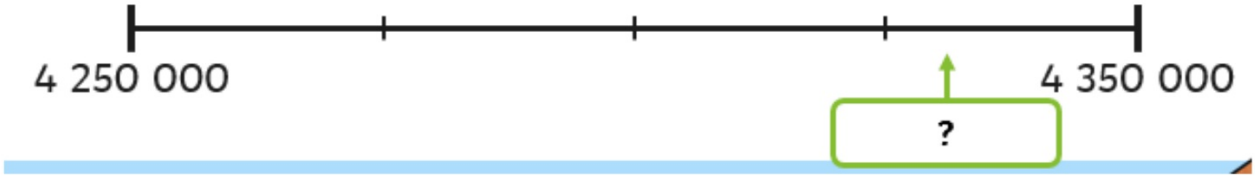


How do you know?

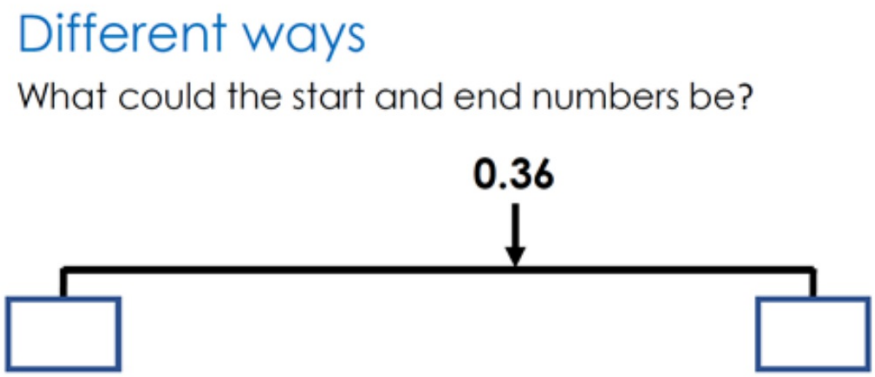
Estimate the value of the number.
Explain your reasoning.



Extimate the value of the number.
Explain your reasoning.



Plenary

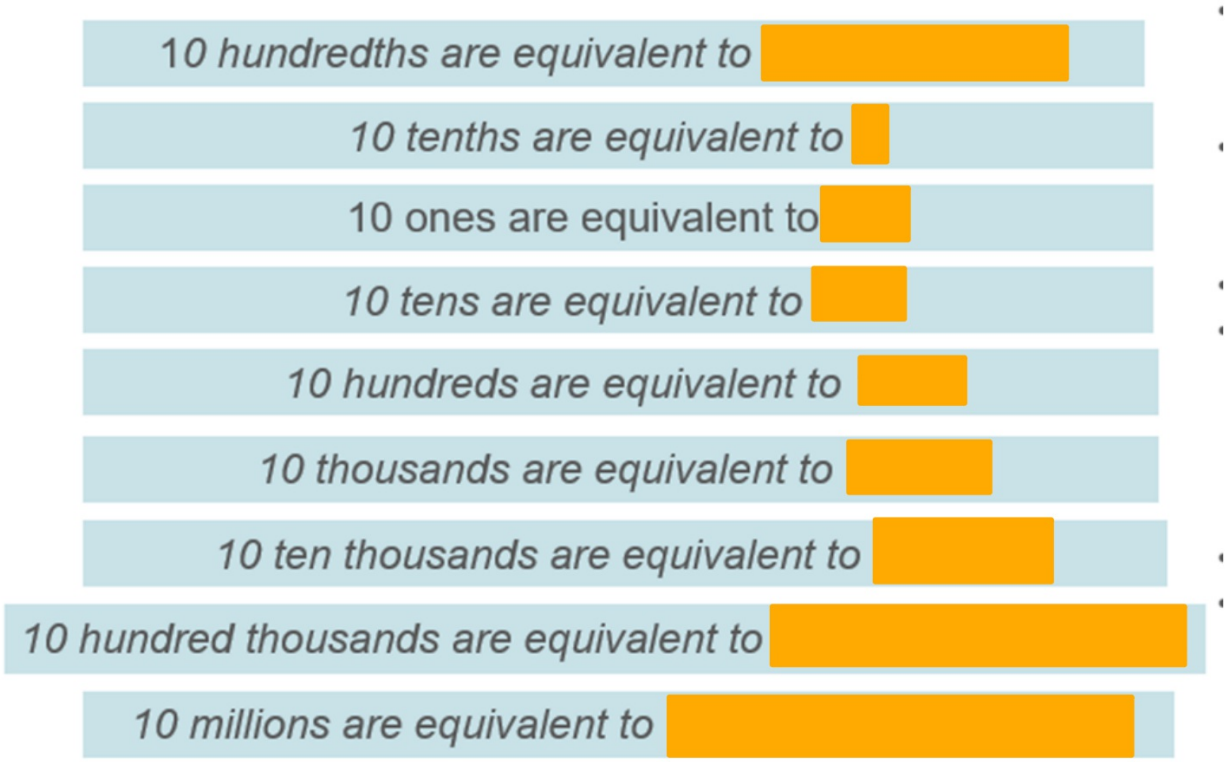


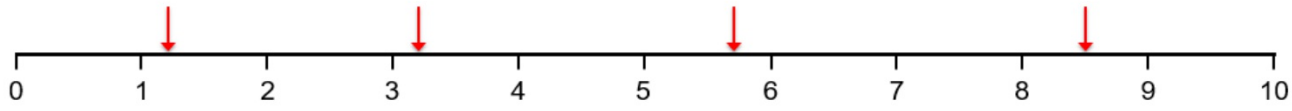
5.5.21
What is the next multiple?

Count on in steps of 100 from:

380,500

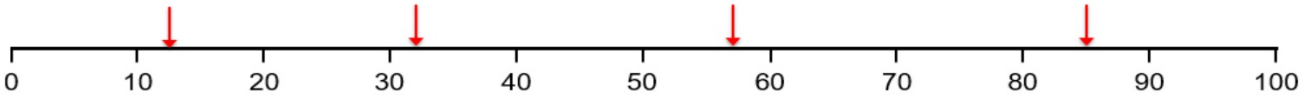
379,500


10 hundredths are equivalent to
10 tenths are equivalent to
10 ones are equivalent to
10 tens are equivalent to
10 hundreds are equivalent to
10 thousands are equivalent to
10 ten thousands are equivalent to
10 hundred thousands are equivalent to
10 millions are equivalent to



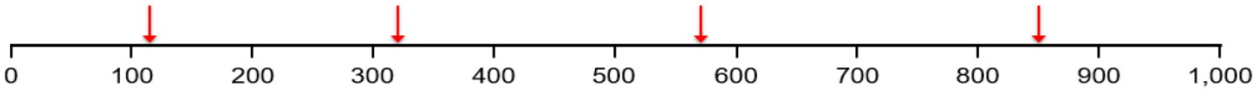
What does each interval on the number line increase by?

Look at each arrow.
Which multiples of 1 is it in between?
Which multiple of 1 is it nearest to?
What do you estimate the value to be? Why?



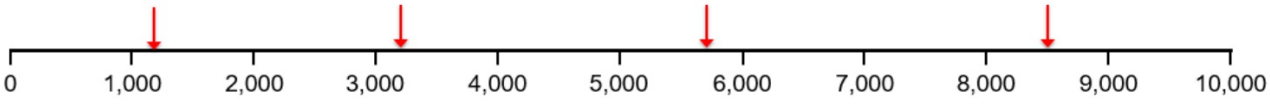
What does each interval on the number line increase by?

Look at each arrow.
Which multiples of 10 is it in between?
Which multiple of 10 is it nearest to?
What do you estimate the value to be? Why?



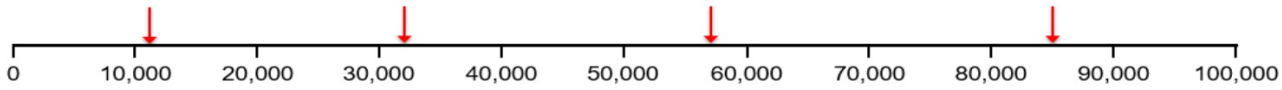
What does each interval on the number line increase by?

Look at each arrow.
Which multiples of 100 is it in between?
Which multiple of 100 is it nearest to?
What do you estimate the value to be? Why?



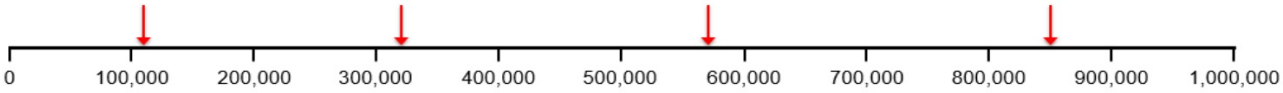
What does each interval on the number line increase by?

Look at each arrow.
Which multiples of 1,000 is it in between?
Which multiple of 1,000 is it nearest to?
What do you estimate the value to be? Why?



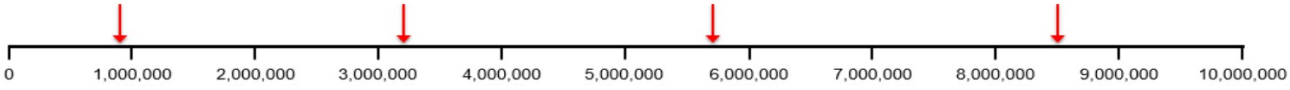
What does each interval on the number line increase by?

Look at each arrow.
Which multiples of 10,000 is it in between?
Which multiple of 10,000 is it nearest to?
What do you estimate the value to be? Why?



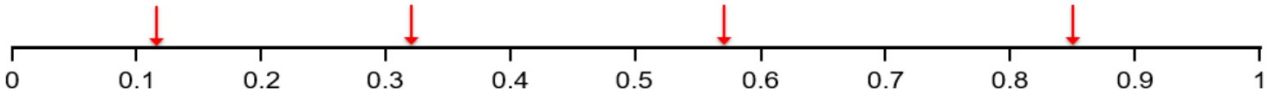
What does each interval on the number line increase by?

Look at each arrow.
Which multiples of 100,000 is it in between?
Which multiple of 100,000 is it nearest to?
What do you estimate the value to be? Why?



What does each interval on the number line increase by?

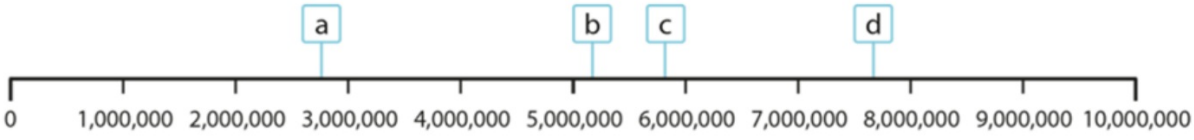
Look at each arrow.
Which multiples of 1,000,000 is it in between?
Which multiple of 1,000,000 is it nearest to?
What do you estimate the value to be? Why?



What does each interval on the number line increase by?

Look at each arrow.
Which multiples of 0.1 is it in between?
Which multiple of 0.1 is it nearest to?
What do you estimate the value to be? Why?

You try



What do you estimate the value of a, b, c and d to be?

What multiple of 1,000,000 is each number between?
Which multiple of 1,000,000 is each number closest to?

3,289,00

The previous multiple of 1,000,000 is [redacted]
The next multiple of 1,000,000 is [redacted]
The nearest multiple of 1,000,000 is [redacted]

[redacted]

4,678,980

The previous multiple of 1,000,000 is [redacted]
The next multiple of 1,000,000 is [redacted]
The nearest multiple of 1,000,000 is [redacted]

[redacted]

9,560,000

The previous multiple of 1,000,000 is [redacted]
The next multiple of 1,000,000 is [redacted]
The nearest multiple of 1,000,000 is [redacted]

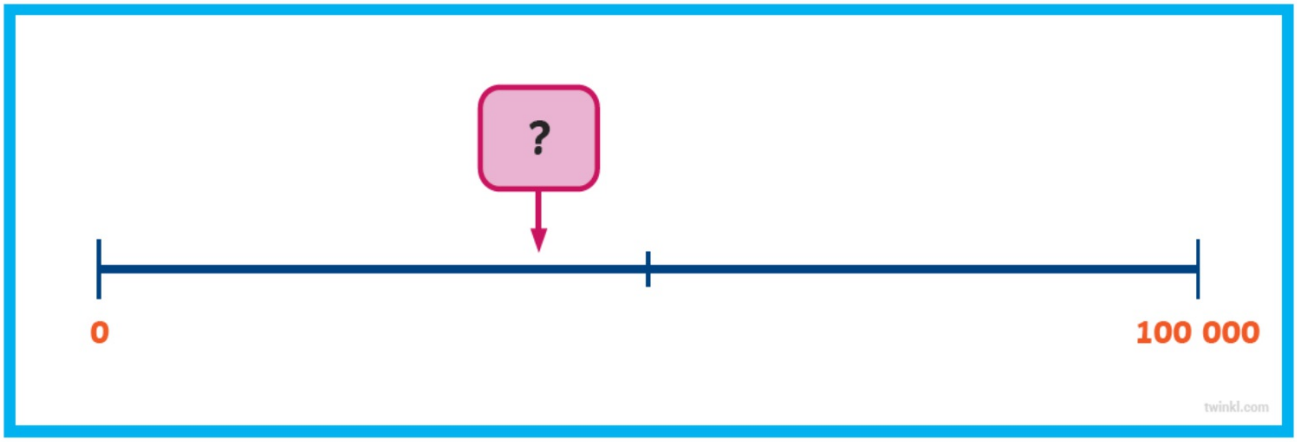
[redacted]

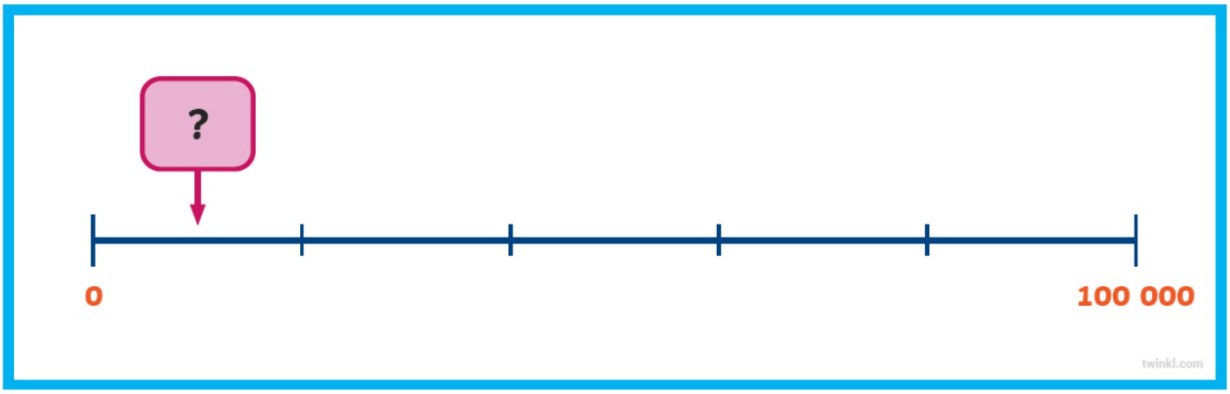
You try:

3,450,900
8,792,345
2,623,900
1,123,900
7,945,892
6,568,900

For each number write down:
The previous multiple of 1,000,000 is _____
The next multiple of 1,000,000 is _____
The nearest multiple of 1,000,000 is ____
_____ < _____ < _____

Plenary

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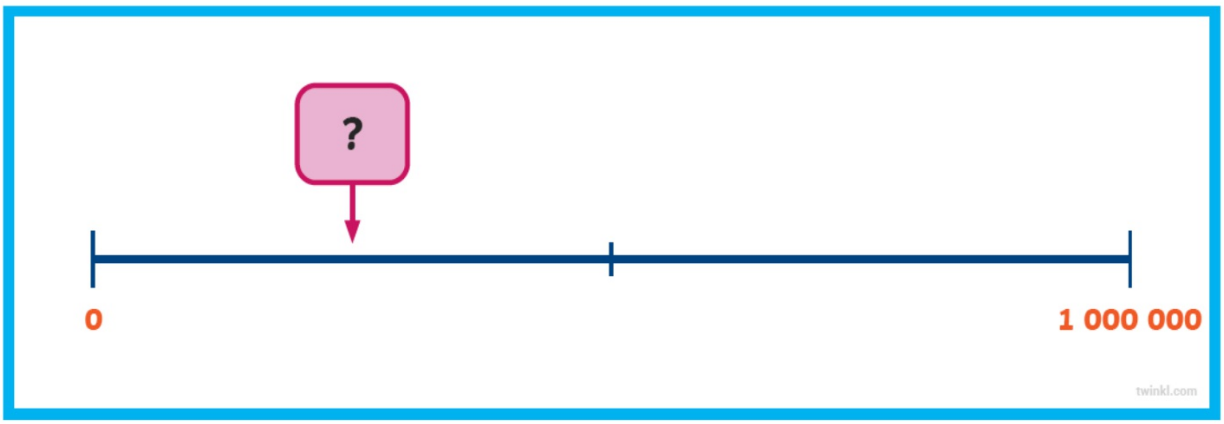
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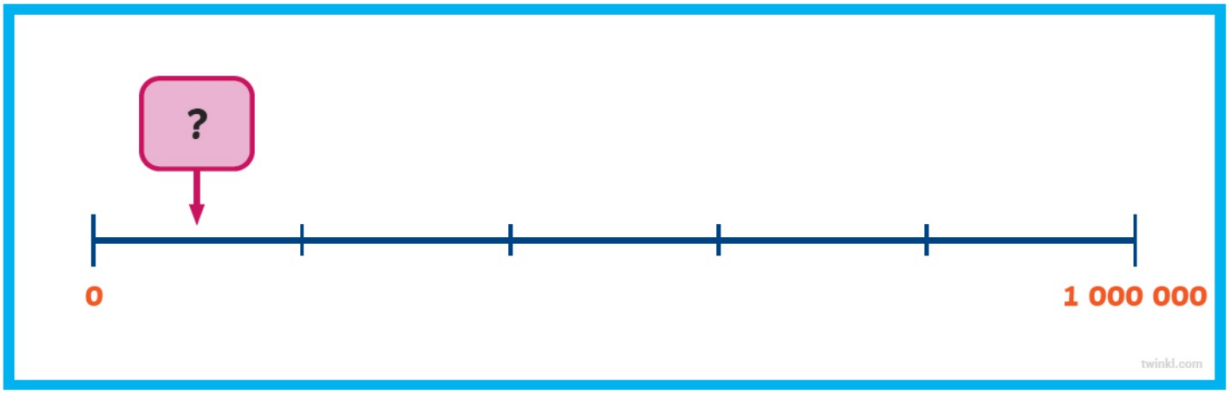
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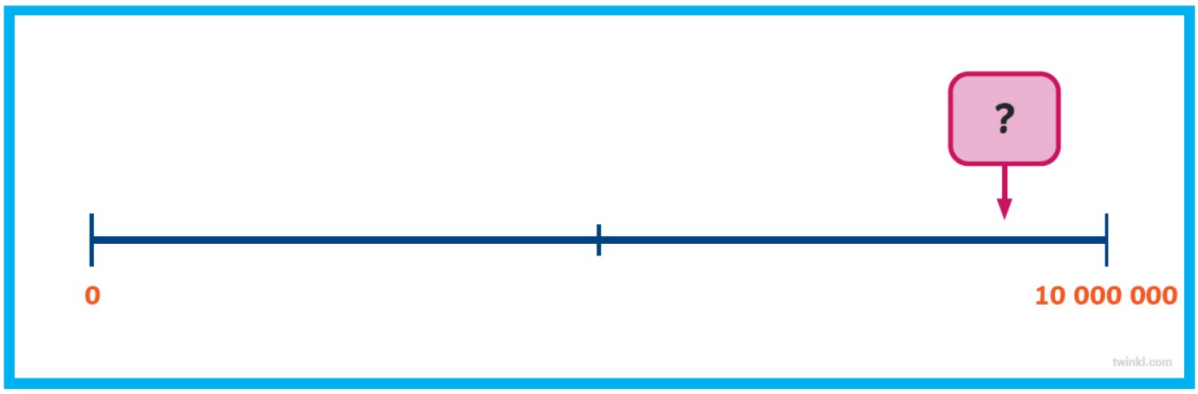
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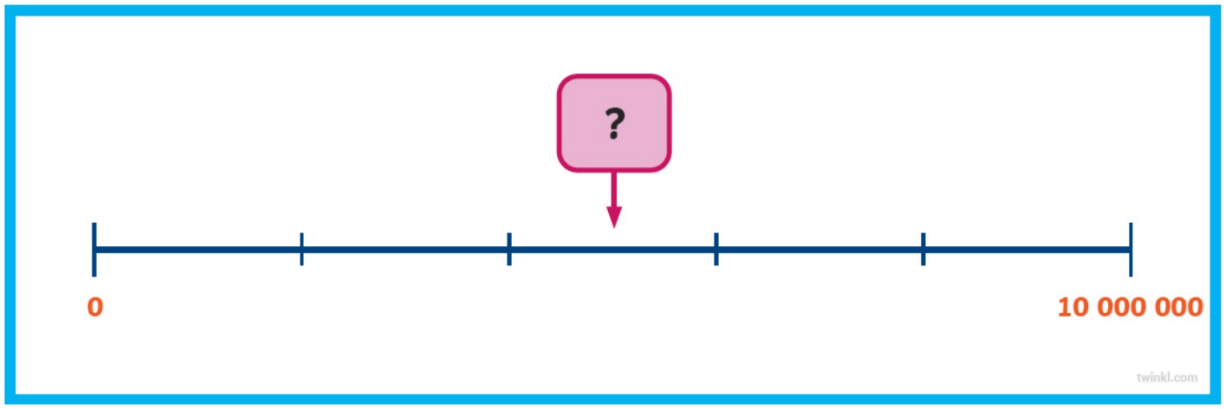
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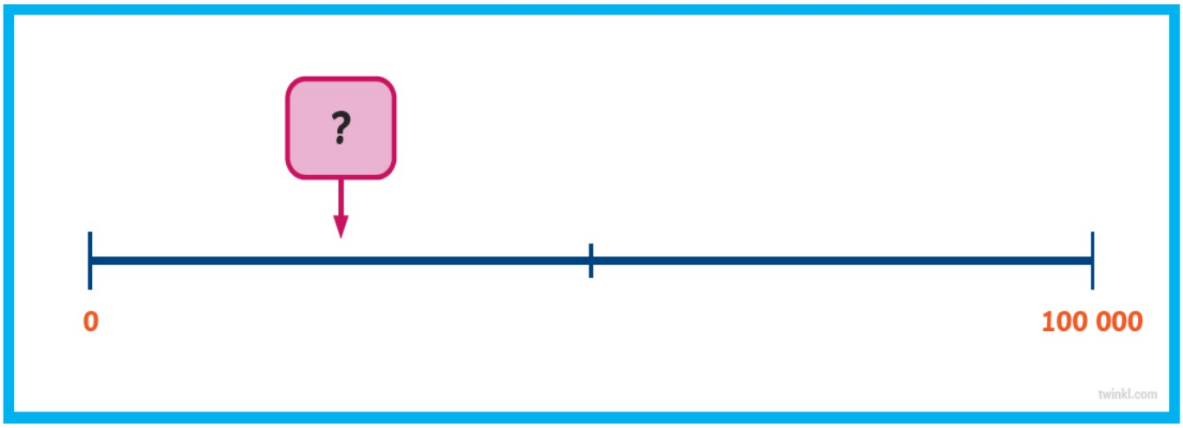
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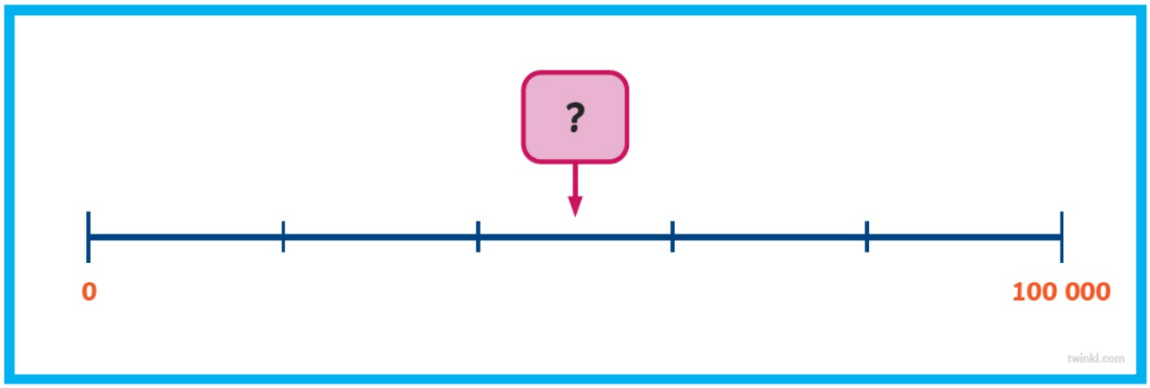
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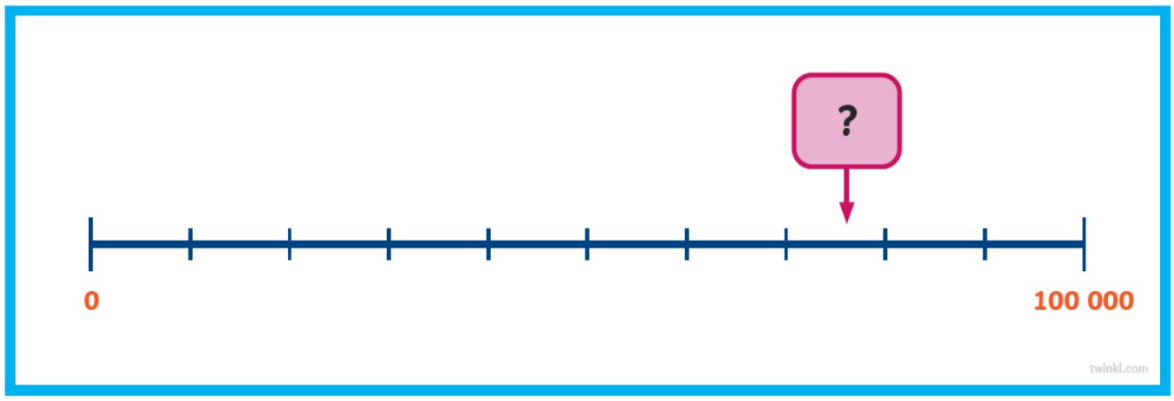
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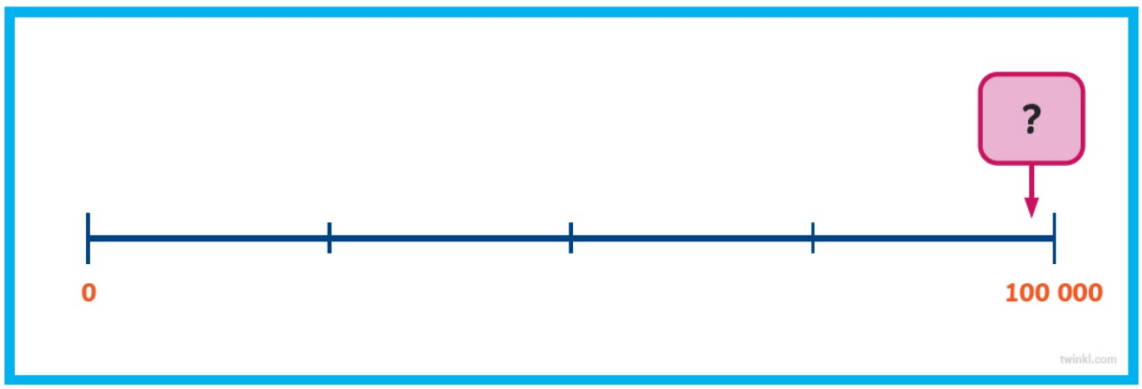
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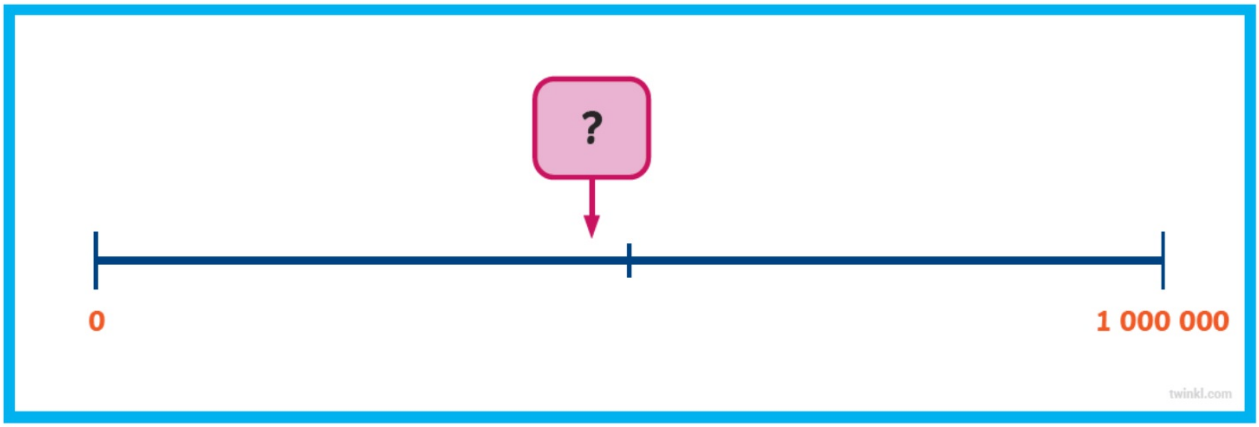
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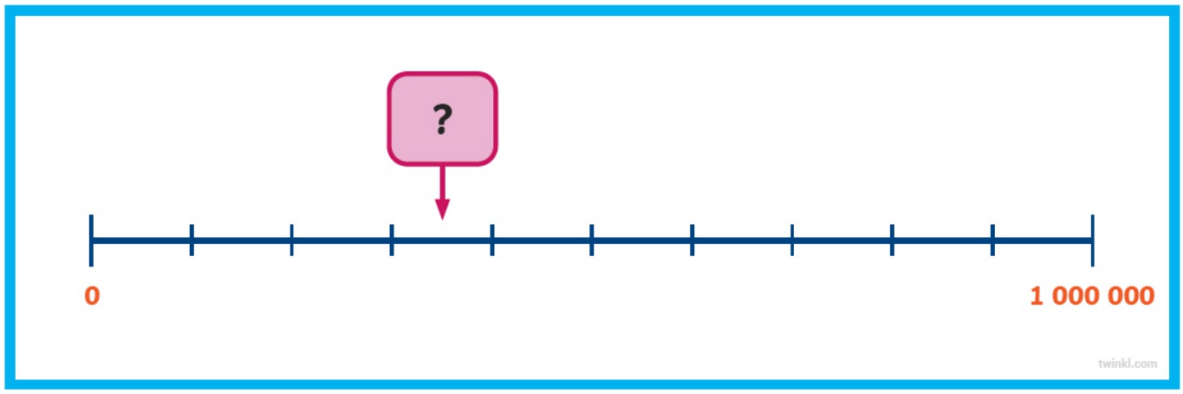
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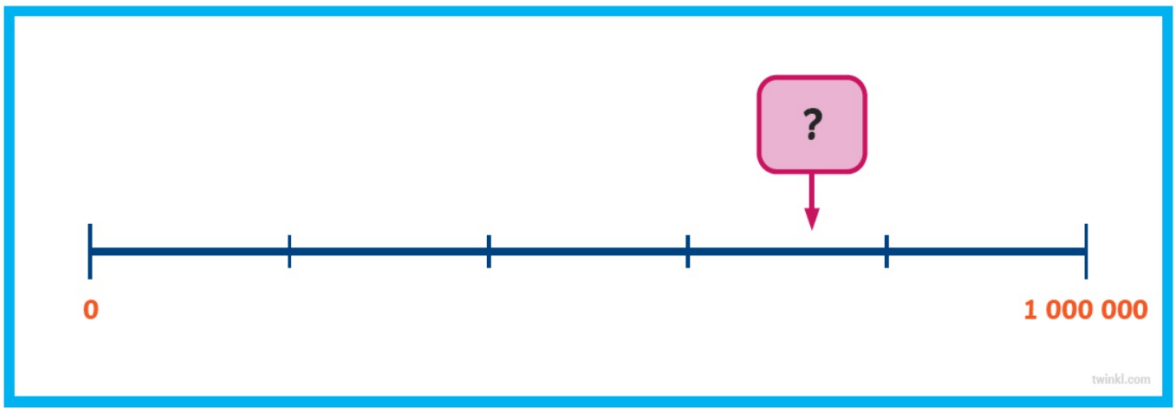
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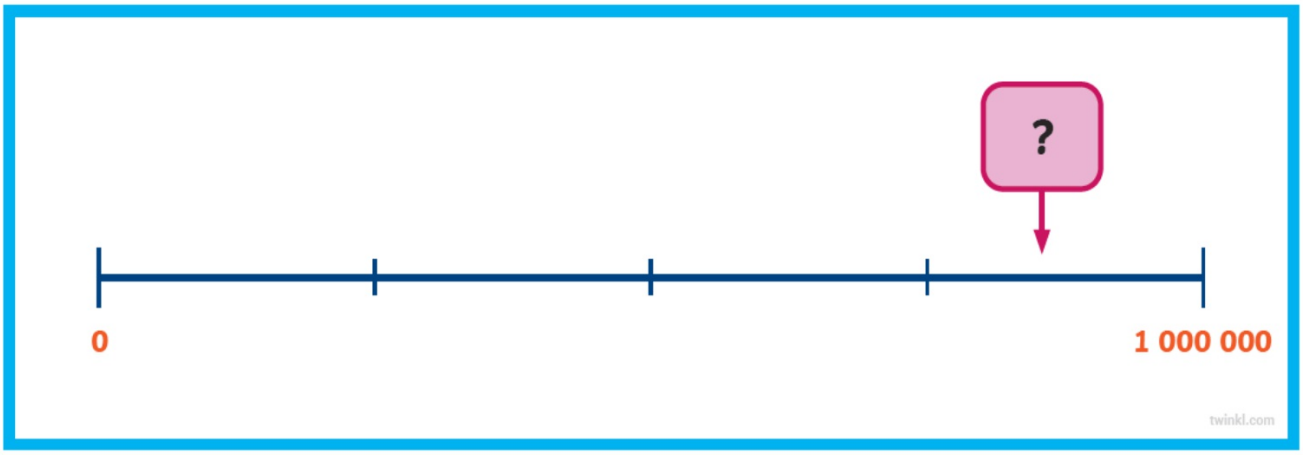
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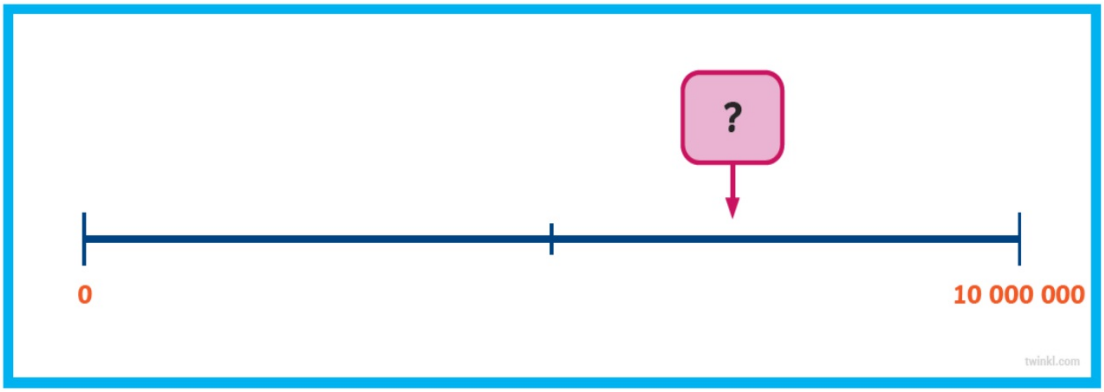
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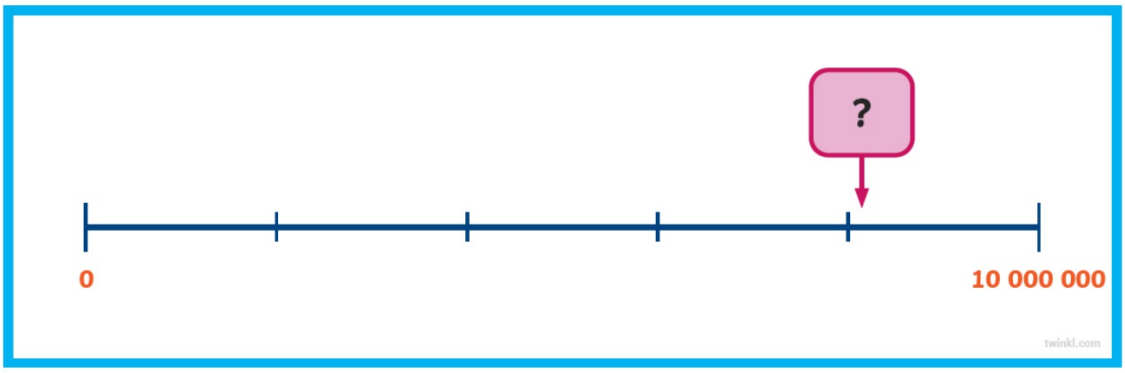
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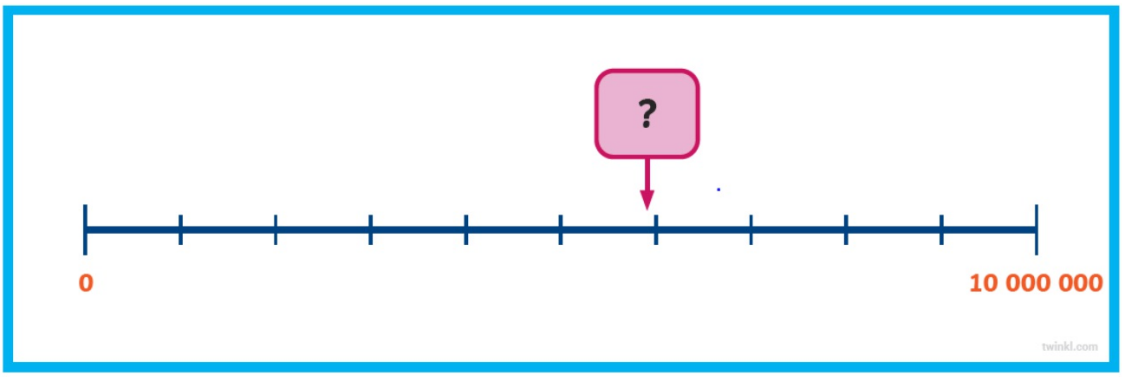
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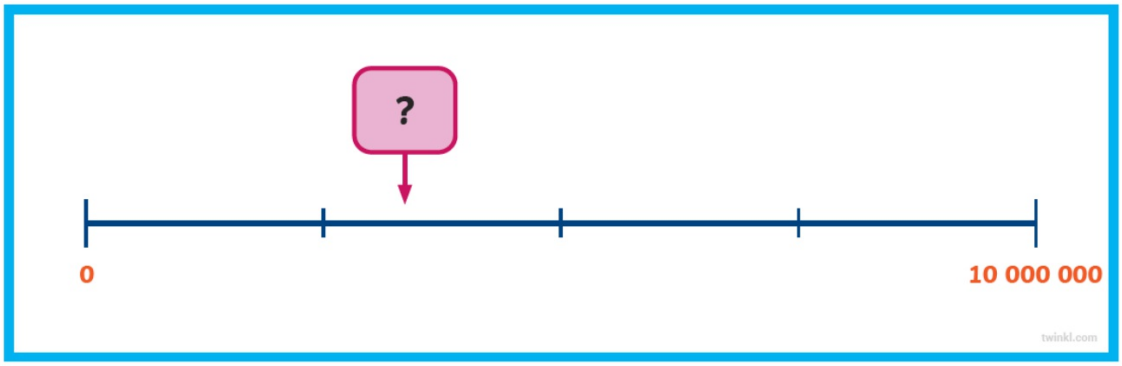
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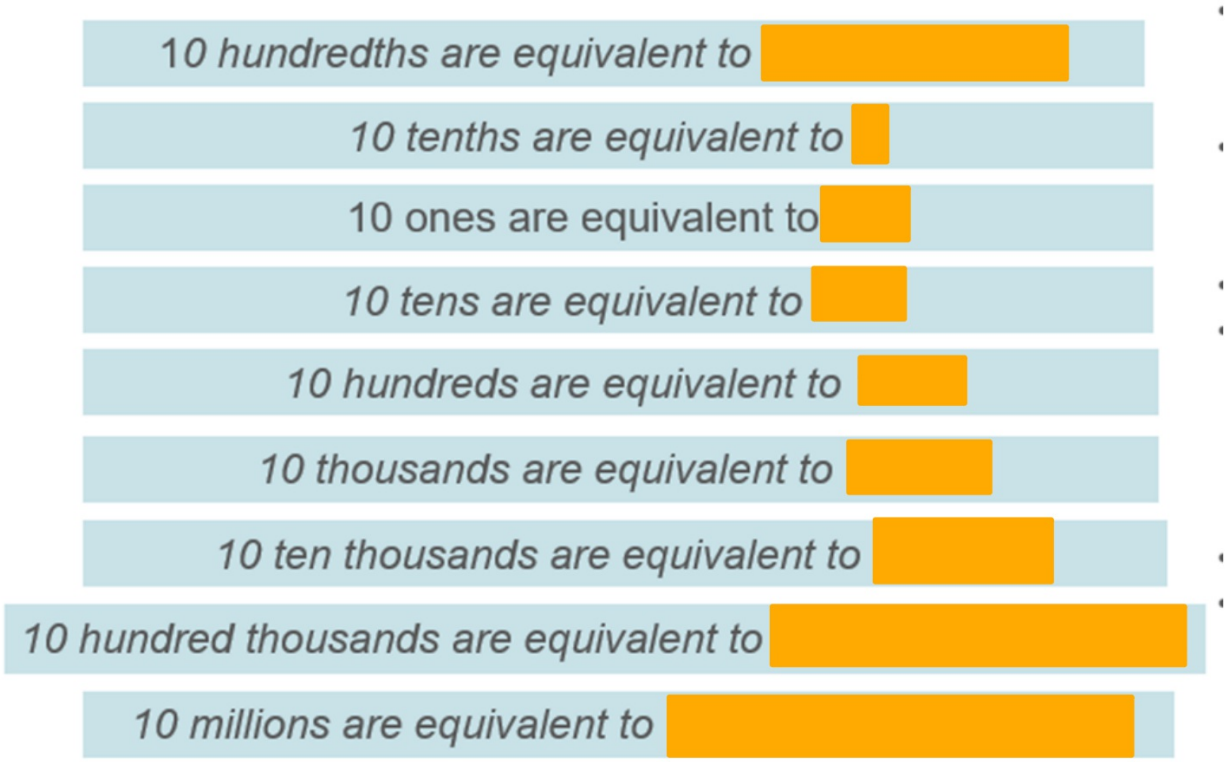
6.5.21

Can you round?

Count on in steps of 1,000 from:

378,000

2,589,000


10 hundredths are equivalent to
10 tenths are equivalent to
10 ones are equivalent to
10 tens are equivalent to
10 hundreds are equivalent to
10 thousands are equivalent to
10 ten thousands are equivalent to
10 hundred thousands are equivalent to
10 millions are equivalent to

2,783,450

The previous multiple of 1,000,000 is [redacted]
The next multiple of 1,000,000 is [redacted]
The nearest multiple of 1,000,000 is [redacted]

[redacted]

5,192,012

The previous multiple of 1,000,000 is [redacted]
The next multiple of 1,000,000 is [redacted]
The nearest multiple of 1,000,000 is [redacted]

[redacted]

5,811,159

The previous multiple of 1,000,000 is [redacted]
The next multiple of 1,000,000 is [redacted]
The nearest multiple of 1,000,000 is [redacted]

[redacted]

7,683,102

The previous multiple of 1,000,000 is [redacted]
The next multiple of 1,000,000 is [redacted]
The nearest multiple of 1,000,000 is [redacted]

[redacted]

2,783,450

The previous multiple of 100,000 is [redacted]
The next multiple of 100,000 is [redacted]
The nearest multiple of 100,000 is [redacted]

[redacted]

5,192,012

The previous multiple of 100,000 is [redacted]
The next multiple of 100,000 is [redacted]
The nearest multiple of 100,000 is [redacted]

[redacted]

5,811,159

The previous multiple of 100,000 is [redacted]
The next multiple of 100,000 is [redacted]
The nearest multiple of 100,000 is [redacted]

[redacted]

7,683,102

The previous multiple of 100,000 is [redacted]
The next multiple of 100,000 is [redacted]
The nearest multiple of 100,000 is [redacted]

[redacted]

Plenary

Explain

'Numbers can be far apart yet round to the same number'.

Explain, with examples, how this is true.

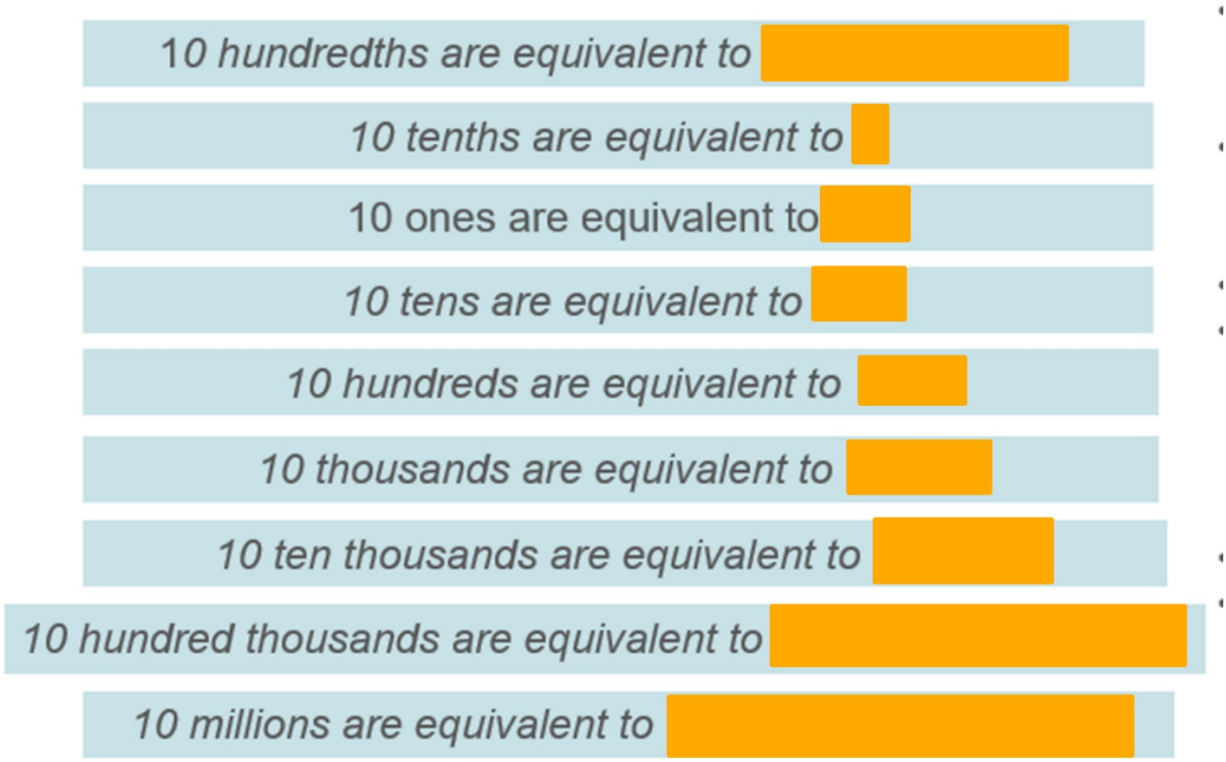
7.5.21

What do you know about numbers?

Count on in steps of 10,000 from:

1,900,000

3,480,000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10 tenths are equivalent to
10 ones are equivalent to
10 tens are equivalent to
10 hundreds are equivalent to
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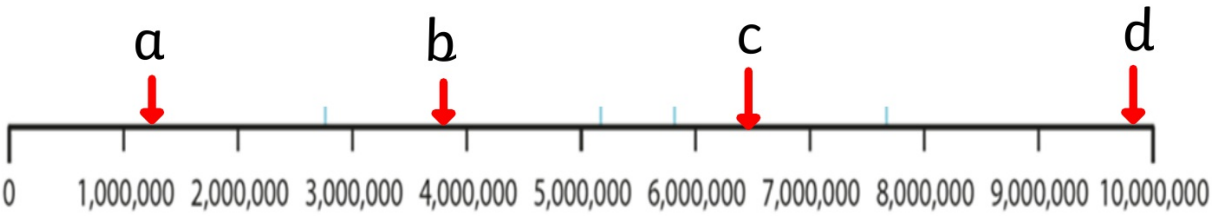
10 ten thousands are equivalent to
10 hundred thousands are equivalent to
10 millions are equivalent to

123 x 10 = 1230 ÷ 10 =

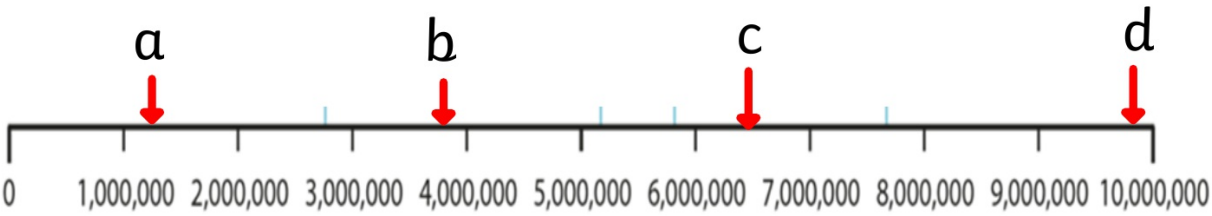
34 x 100 = 3400 ÷ 100 =

4.5 x 1,000 = 4500 ÷ 1,000 =

5.6 x ___ = 560 560 ÷ __ = 5.6



For each number:
What do you estimate the number to be?
What is the previous multiple of 1,000,000?
What is the next multiple of 1,000,000?
What is the nearest multiple of 1,000,000
Round the number to the nearest million



For each number:
What do you estimate the number to be?
What is the previous multiple of 100,000?
What is the next multiple of 100,000?
What is the nearest multiple of 100,000
Round the number to the nearest hundred thousand.