Cracking the Code: Roman Numerals to 100

Read I to C like a number detective!



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Today we will...



WE ARE LEARNING TO

- Read Roman numerals I to C up to 100
- Use adding and take-away rules to read them
- Explain why zero and place value changed maths

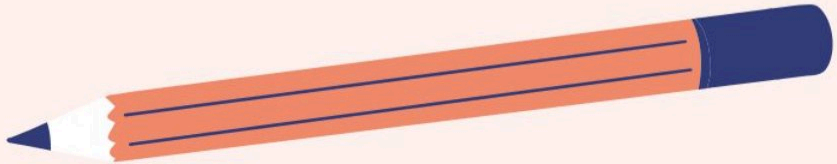
SUCCESS LOOKS LIKE

- ✓ I can read I, V, X, L and C
- ✓ I can read IV, IX, XL and XC
- ✓ I can say why zero is useful

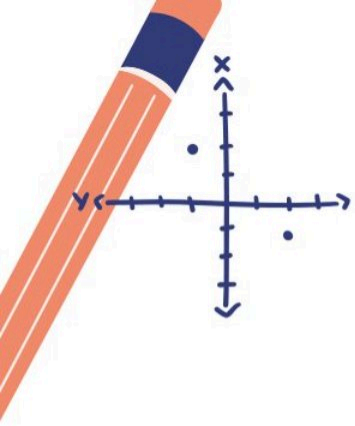
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How to Read Any Numeral

1. Learn the five letters and values
2. Big then small? Add them up
3. Small then big? Take away
4. Work left to right in chunks



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Cracking XIV Step by Step

Split into chunks: X + IV → X = 10, so keep 10 → I before V means 5 take away 1 = 4 → Add chunks: 10 + 4 = 14

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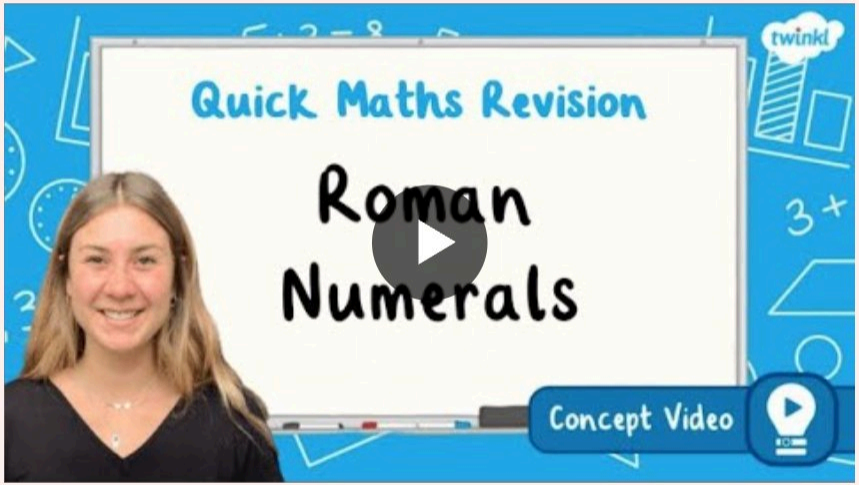
Think, pair, share

Where have you seen letters like I, V or X used as numbers?



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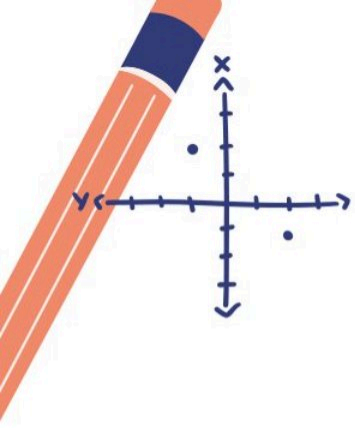
Watch: Reading Roman Numerals



▶ 0:00 – 4:17

- Listen for I, V, X, L, C values
- Spot when we add or take away

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Numbers Changed Over Time

2,000 years ago

Romans used letters for numbers

around 725

Scholar Bede used N for nothing

Middle Ages

Letter system tweaked a little

around 1300s

People start using 0-9 everyday

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Watch: Crack 40, 90 and 100



▶ 0:00 – 4:40

- Watch XL = 40 and XC = 90
- Listen for no more than three repeats

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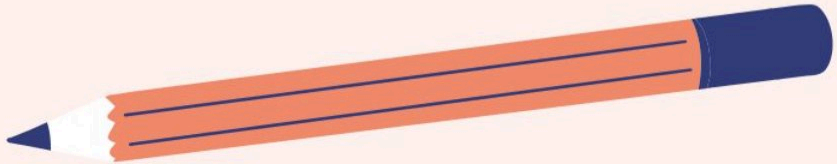
Your task

Crack and make Roman numeral cards to 100 with your partner.

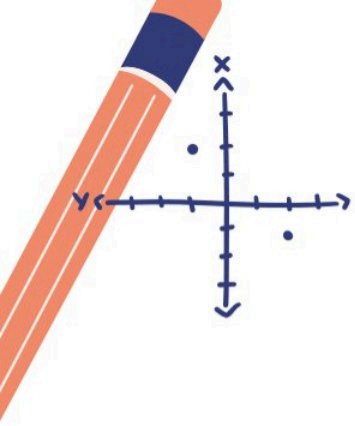
1. Sort cards into ones, tens, fifties, hundred
2. Read each aloud and work out total
3. Make 3 new numerals for partner to crack

10 min

In pairs



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Roman Numbers vs Our Numbers

Roman numerals

- Uses letters I, V, X, L, C
- Has no zero at all
- X always means ten

Our numbers

- Uses digits 0 to 9
- Zero holds a place
- Place changes digit value

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Where would YOU use them?

Where would you use Roman numerals today?

- **A** On a clock face
- **B** For chapters in a book
- **C** For a sports shirt number



Vote with your hands, then explain why.

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Quick quiz

1. What is VI?
2. What is IX?
3. What is XL?
4. What is C?

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