Rounding to 10 and 100

Making numbers simpler but still close



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Today we will...



WE ARE LEARNING TO

- Round whole numbers to the nearest 10
- Round whole numbers to the nearest 100
- Use place value to decide up or down

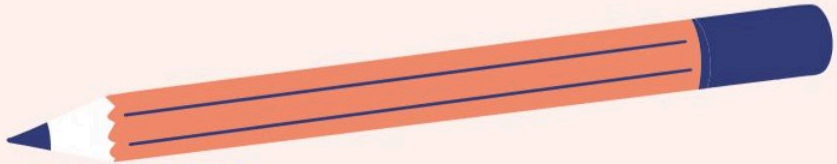
SUCCESS LOOKS LIKE

- ✔ I can find the tens and hundreds place
- ✔ I can round up if next digit is 5 or more
- ✔ I can round down if next digit is 0-4

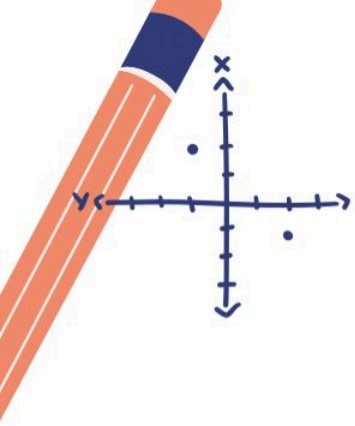
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How to Round in 4 Steps

1. Find the place you round to
2. Look at the digit just to the right
3. 0-4 stay same, 5-9 go up one
4. Change right digits to zero



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Key words

round

make a number simpler but still close

place value

what each digit is worth by where it sits in the number

nearest 10

the closest number ending in 0 like 30, 40, 50

nearest 100

the closest number ending in 00 like 200, 300, 400

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What could this be?

A count says 39,828 fans. The news says 40,000. Why?





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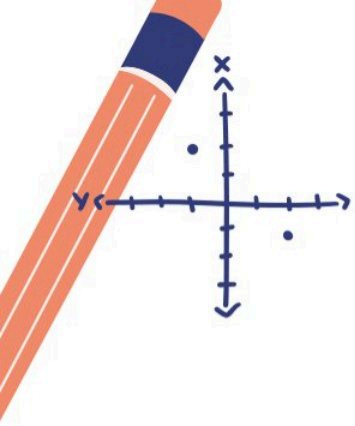
Watch: Rounding to 10 and 100



▶ 0:00 – 5:00

- Watch where the tens digit changes
- Listen for 5 or more round up
- Spot the zeros at the end

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Rounding in My Head

look at next digit

5-9 round up

hundreds end in 00

Rounding

0-4 round down

tens end in 0

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Watch Again: Nearest 100



▶ 0:00 — 4:13

- Watch the tens digit decide
- See 50 or more go up
- See below 50 go down

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Your task

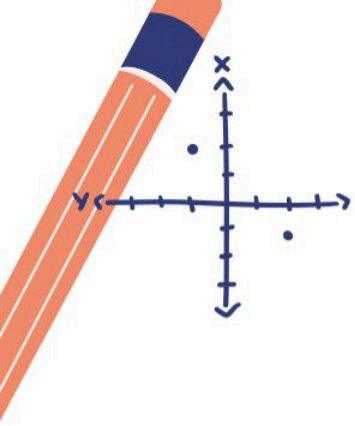
Round number cards with your partner on a number line.

1. Pick a number and find its two tens or hundreds
2. Mark it and find the halfway point
3. Decide: round up or round down?

12 min

In pairs

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Let's Try Four

🔽

44 → 40

4 in ones is less than 5, so down.

🔼

78 → 80

8 in ones is 5 or more, so up.

🔽

234 → 200

3 in tens is less than 5, so down.

🔼

768 → 800

6 in tens is 5 or more, so up.

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What Do You Think?

When is rounding to 100 better than to 10?



A When numbers are big

B When a close guess is enough

C When you need the exact count

Vote with your hands, then explain why.

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Exit ticket

1

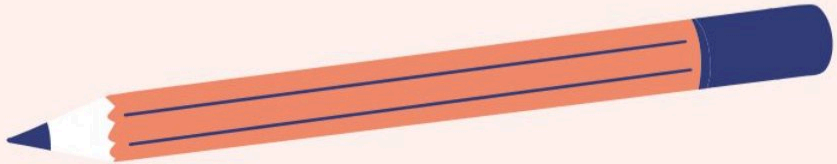
Round 63 to the nearest 10: ___

2

Round 481 to the nearest 100: ___

3

One question I still have is...



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