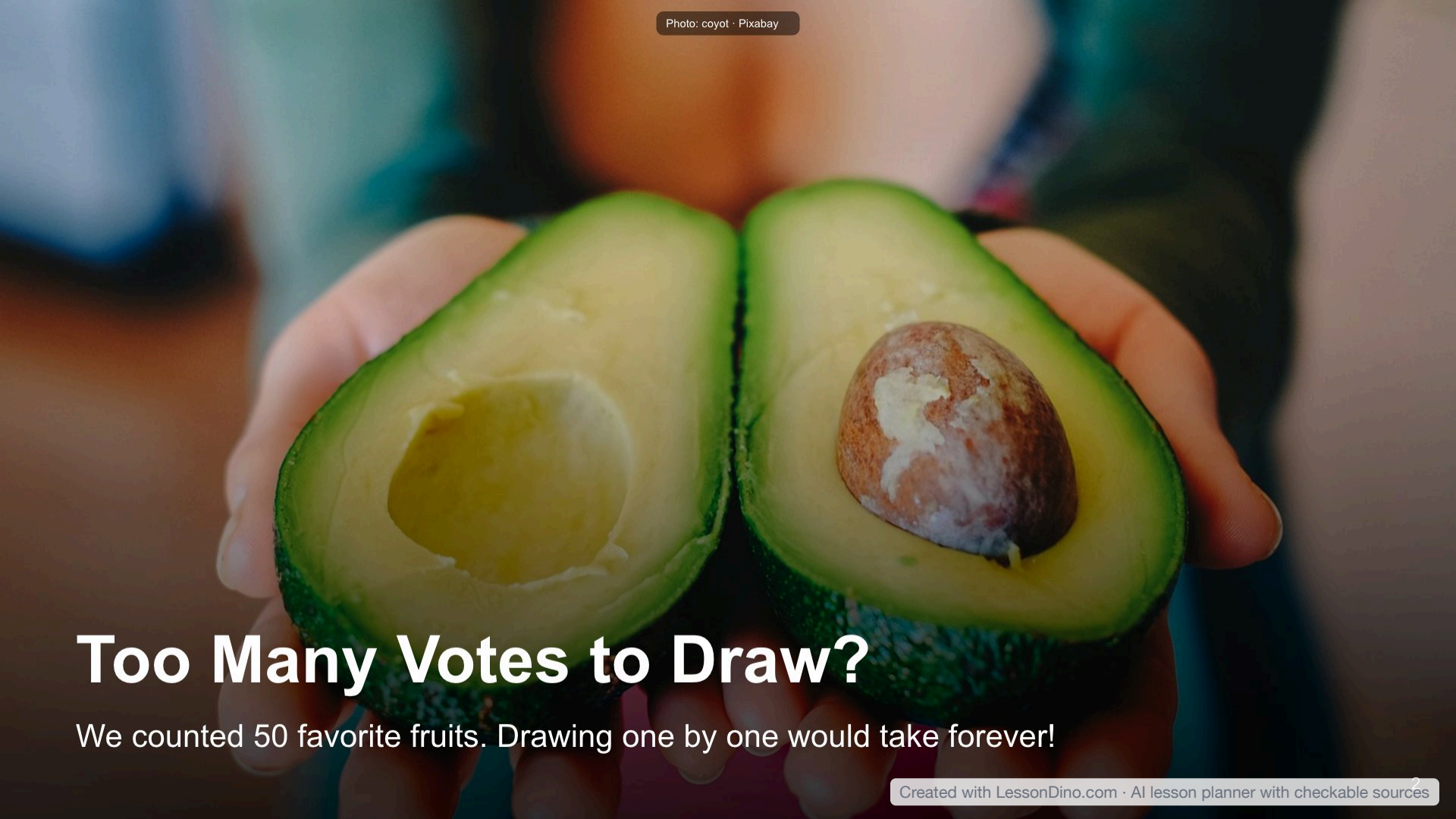
# Graph Like a Pro!

Draw scaled graphs that count by jumps

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# Too Many Votes to Draw?

We counted 50 favorite fruits. Drawing one by one would take forever!



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DID YOU KNOW?

# One star can mean 5 votes!

A scaled graph uses one picture or one step for more than one vote.




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# Key words

**scale**

the numbers you count by, like 0, 5, 10

**key**

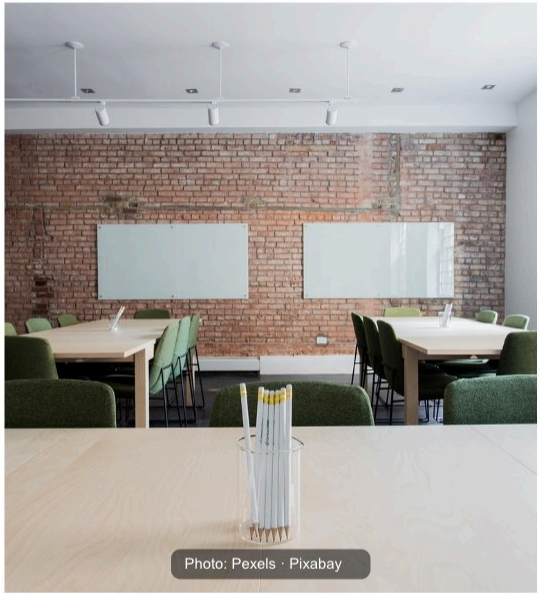
tells what one picture stands for

**category**

one group we count, like apples

**scaled bar graph**

a drawing where length shows how many and each step counts more than 1




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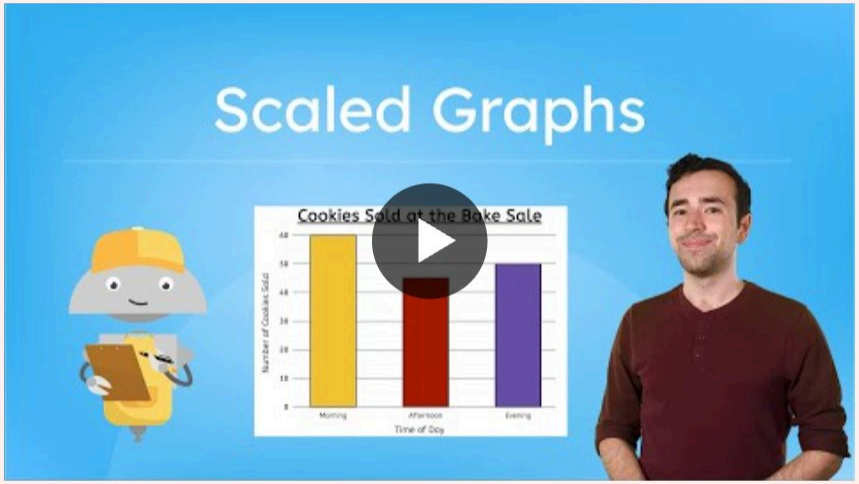
# What could this be?

This bar stops halfway between 10 and 20. How many could it be?



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# Pick the Right Jump




▶ 0:00 – 4:30

- Watch how we pick 2, 5, or 10
- Spot the title, labels, and key

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BIG IDEA

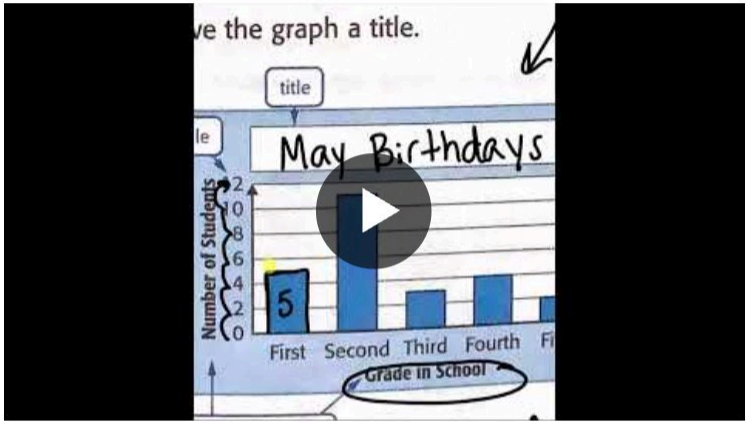
# Let the scale do the heavy counting!






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# Draw It Tall and Right




▶ 0:00 – 5:00

- Watch how tall each bar gets
- Check gaps, labels, and numbers

# Your task

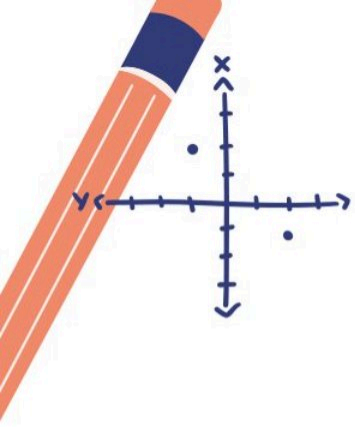
**In pairs, draw our fruit votes as a scaled picture graph and scaled bar graph.**

1. Votes: Apples 20, Bananas 10, Grapes 15, Oranges 5
2. Use 1 picture = 5 votes, bars by 5s
3. Add titles, labels, key, and gaps

**15 min**

**In pairs**

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# Graph Check!

- Clear title
- Key or scale by 5
- Gaps between bars

**Great graph**

- Labels for each fruit
- Right bar height

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# Vote: Best Scale?

## For votes 18, 22, 30, which scale would you pick?

- **A** Count by 2s
- **B** Count by 5s
- **C** Count by 10s



Vote with your hands, then explain why.



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# Exit ticket

1

3 stars stand for how many if 1 star = 5?

---

2

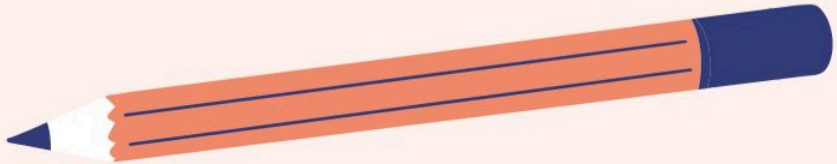
One thing I learned today...

---

3

One question I still have...

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