Same Amount, Different Slices!

Equivalent fractions with little pictures



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Today we will...

WE ARE LEARNING TO

spot fractions that show the same amount

make matches using small bar pictures

SUCCESS LOOKS LIKE

- ✓ I can say if two fractions match
- ✓ I can draw bars to show a match



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BIG IDEA

Equivalent means same amount, even if slices look different.

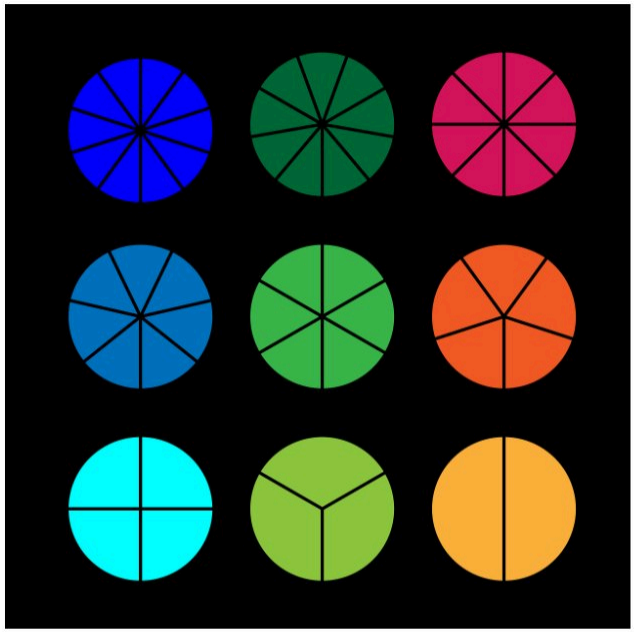
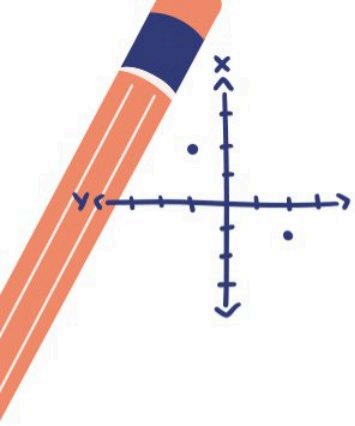


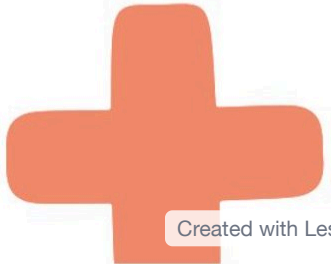
Illustration: JTLLC · Pixabay

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Show a match

1. Draw two bars the same size.
2. Split into equal parts, like 2 and 4.
3. Colour the same length in each.
4. Same coloured length means equivalent!



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What could this be?

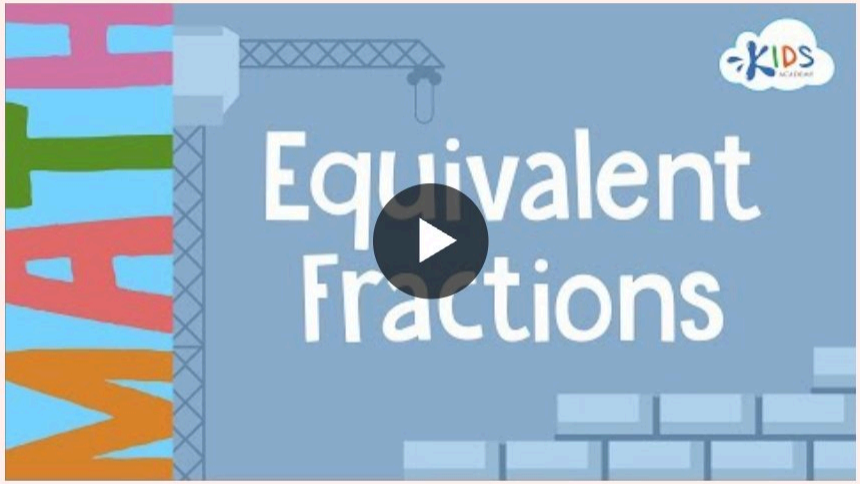
One half is coloured. Two quarters are coloured. Same or not?





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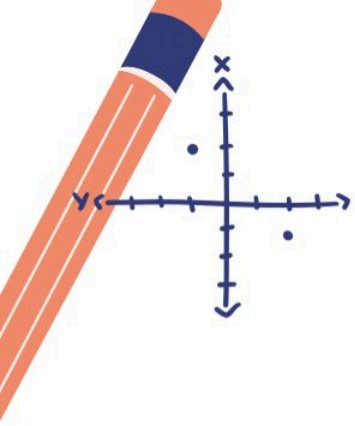
Watch: halves match



▶ 0:00 – 5:00

- See how bar pieces line up
- Listen for same amount means equivalent

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Match or not?

Equivalent

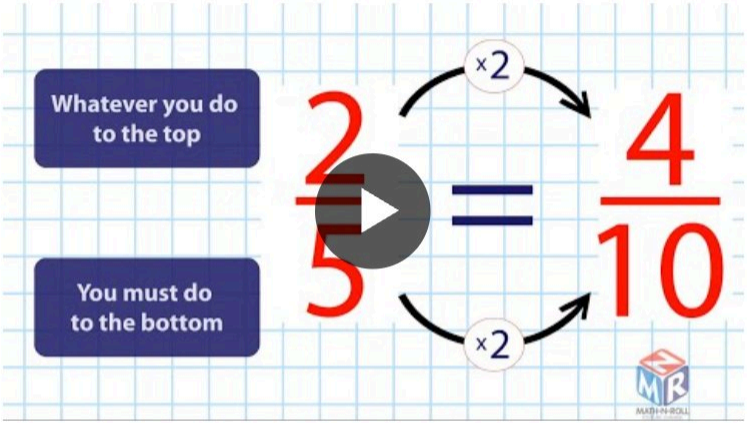
- 1/2 and 2/4
- coloured part same size

Not equivalent

- 1/2 and 1/4
- coloured part different size

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Watch: more matches



▶ 0:00 – 3:15

- Spot which fractions sit together
- Notice same shaded size, more parts

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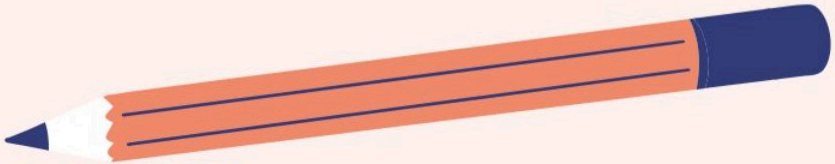
Your task

Make small bar strips and find pairs that show the same amount.

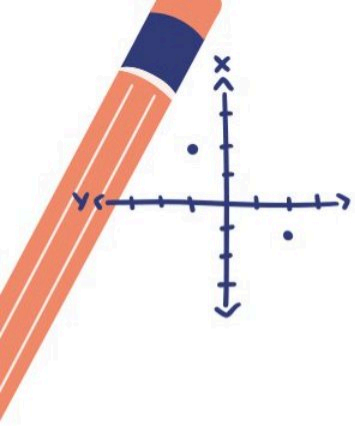
1. Draw two same-size bars.
2. Colour 1/2 on one and 2/4 on the other.
3. Check with your partner: same length?

10 min

In pairs



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Three handy matches

🟦

1/2 = 2/4

Half a bar matches two quarters.

🟨

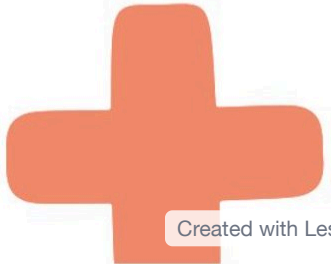
1/3 = 2/6

One third matches two sixths.

🟩

2/3 = 4/6

Two thirds matches four sixths.



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You choose

Which picture helps you most to see matches?

- **A** Long bars
- **B** Circles
- **C** Number line



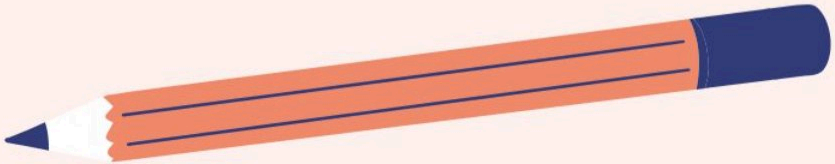
Vote with your hands, then explain why.

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Exit ticket

1. One match I found today was...

2. One question I still have...



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