Choose one useful little mission

Talk, draw, sign, point, type or ask for exact wanted help. Rest, keep your work private or finish. A supplied model stays separate from your own idea.

What is the whole?

Make a fair paper patch. How do you know its parts are equal?

Choose one:

- **Make a notice patch:** Choose two or four equal parts.
- **Spot the unfair split:** Does four pieces mean four quarters?
- **Same fraction, different whole:** Could both be halves?

MODEL: four equal sections make one paper panel. One is 1/4; three more complete it.

Try a different idea of your own. Name its whole or data unit. Show one reason or check. Empty fraction guide · complete paper/words route

Use blank paper or your usual communication; pictures are optional. Ask a wanted helper to read, describe or write your words. You can direct a helper's hands, take a break, keep your work private or finish here.

Grown-ups: full preparation and three runnable routes. The model above is not your child’s own response; record any actual help, making or reader trial separately.

Thirds and quarters that mean something

Give your little display a clear fraction label.

Choose one:

- **Display groups:** Show one group and then two.
- **Strip designer:** Make thirds or quarters someone can read.
- **Repair a label:** What does the label need to say?

MODEL: twelve labels in three equal groups. One group is 1/3; two groups are 2/3.

Try a different idea of your own. Name its whole or data unit. Show one reason or check. Empty fraction guide · complete paper/words route

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Fifths and tenths for a useful plan

Show what is ready and what is still needed.

Choose one:

- **Banner progress:** How much is still needed?
- **A dollar in equal value parts:** What whole do these labels show?
- **Choose a tiny project:** Make a five-part or ten-part plan.

MODEL: ten equal sections, four ready.4/10 ready +6/10 needed =1 whole.

Try a different idea of your own. Name its whole or data unit. Show one reason or check. Empty fraction guide · complete paper/words route

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Fractions between zero and one

Make a little trail from zero to one whole.

Choose one:

- **Trail marker:** Where would your marker go?
- **Build a clear line:** Help someone find three-fifths.
- **Find the faulty trail:** Could the gaps all be fifths?

MODEL:0,1/5,2/5,3/5,4/5,1 have five equal gaps.3/5 is three gaps from 0.

Try a different idea of your own. Name its whole or data unit. Show one reason or check. Empty fraction guide · complete paper/words route

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A fraction guide someone can use

Make one clear guide. Try it, or keep it as your plan.

Choose one:

- **Make a game guide:** Give one helpful fraction clue.
- **Display helper:** Make a ready-and-needed sign.
- **No-picture guide:** Can your words carry the whole idea?

MODEL: five equal display parts, two ready. A clear sign says 2/5 ready,3/5 needed.

Try a different idea of your own. Name its whole or data unit. Show one reason or check. Empty fraction guide · complete paper/words route

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A question worth making a table for

Pick a little question. What would you need to count?

Choose one:

- **Choose your kit question:** What would help organise it?
- **Which variable?:** Name or number for each item?
- **Local source reader:** Count the right kind of entry.

MODEL: five shape cards triangle,square,triangle,circle,square. One card is one record; shape name is the category.

Try a different idea of your own. Name its whole or data unit. Show one reason or check. Empty data guide · complete paper/words route

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Every record gets counted once

Make a table that can be checked.

Choose one:

- **Story kit table:** Which labels are in this kit?
- **Unknown is allowed:** What can this table honestly say?
- **Count your safe collection:** Find a check you trust.

MODEL: six labels adventure,nature,adventure,puzzle,nature,adventure. Count each once:3,2,1.

Try a different idea of your own. Name its whole or data unit. Show one reason or check. Empty data guide · complete paper/words route

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Counts of counts

Make a table for how many each one has.

Choose one:

- **Shape-card archive:** How many cards have that many corners?
- **Bundle checker:** Count pieces per bundle, then bundles.
- **Your small count question:** Choose a count for each item.

MODEL: five cards have 0,3,4,4,5 corners. Two cards have 4 corners; there are 5 cards.

Try a different idea of your own. Name its whole or data unit. Show one reason or check. Empty data guide · complete paper/words route

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A table that helps its reader

Give your table a title and a useful check.

Choose one:

- **Storage table editor:** Could someone find the right count?
- **Local list, honest limit:** What does the source actually list?
- **Invite a willing reader:** Which part made it easier?

MODEL: five cards round,round,square,triangle,square. A table needs its unit: number of cards.

Try a different idea of your own. Name its whole or data unit. Show one reason or check. Empty data guide · complete paper/words route

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Your tiny maths help desk

Make one useful thing. Choose what to try next.

Choose one:

- **Your fraction help card:** Help with one whole.
- **Your table help card:** Answer one small question.
- **Ask for your next useful turn:** What would help you now?

MODEL: one clear fraction guide or one checked table can help. They do not need the same whole or unit.

Try a different idea of your own. Name its whole or data unit. Show one reason or check. Empty data guide · complete paper/words route

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