

**KINDERGARTEN / PRACTICE****BREAKING NUMBERS INTO PARTS**

Draw, build, point or tell.



One or two activities are enough for one sitting. An adult reads the words. The child may draw, build with counters, point or speak.

- Look at the worked examples together.
- Keep the two tool pages uncut until an adult helps.
- Use counters, blocks or fingers. An adult may record the child's own words.
- Try Mild first. Other peppers invite more thinking when ready.

Color supports meaning. The labels and positions still work in black-and-white copies. There is no timer.



KINDERGARTEN / WORKED EXAMPLE 1

BREAKING NUMBERS INTO PARTS

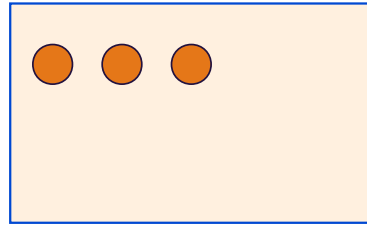
Draw, build, point or tell.



Two parts of four



Part A



Part B

1 • START: Build four counters.

2 • TRY: Move one to the first part.

3 • TELL: Three are in the other part.

$$1 + 3 = 4.$$



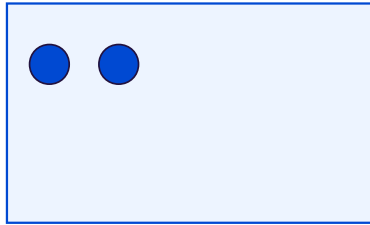
KINDERGARTEN / WORKED EXAMPLE 2

BREAKING NUMBERS INTO PARTS

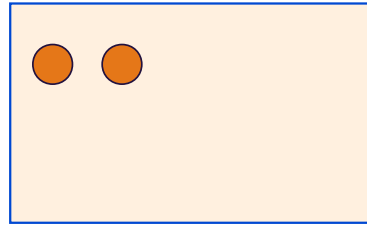
Draw, build, point or tell.



A different pair for the same whole



Part A



Part B

1 • START: Keep the same four counters.

2 • TRY: Move one counter between the parts.

3 • TELL: The parts become two and two.

$$2 + 2 = 4.$$



KINDERGARTEN / KEEP THIS TOOL

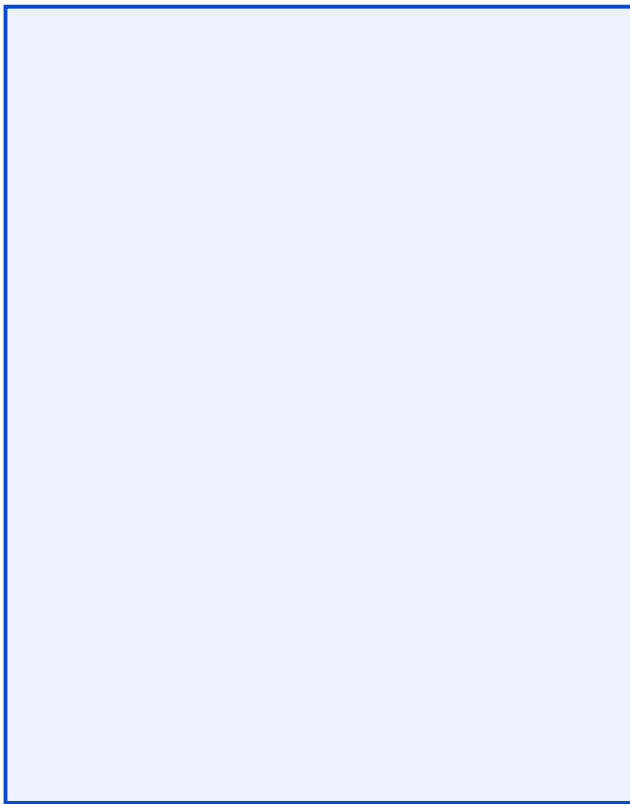
BREAKING NUMBERS INTO PARTS

Draw, build, point or tell.

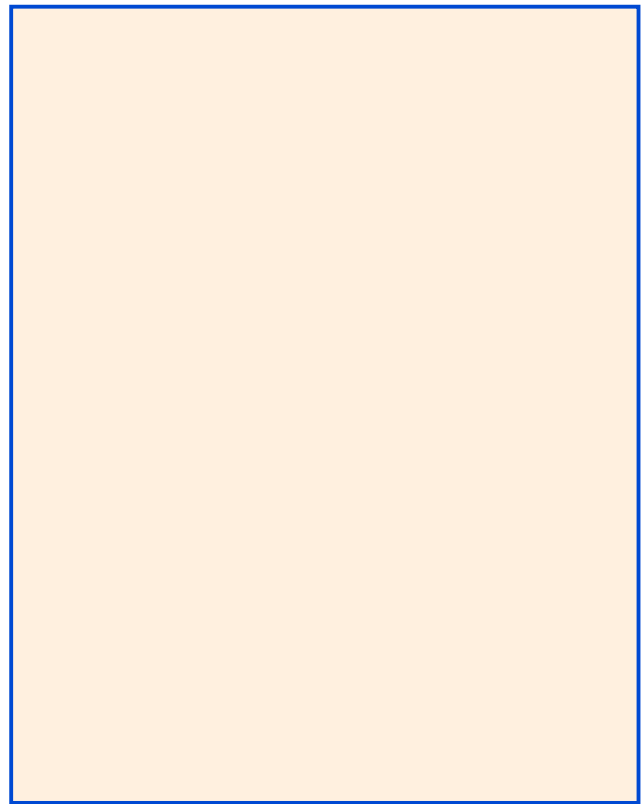


Put counters or objects on the mats. Match one object at a time, split a whole into parts, or sort by a stated rule.

Mat A



Mat B





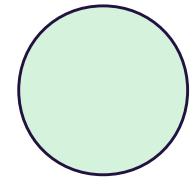
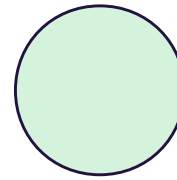
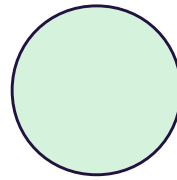
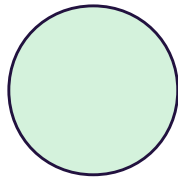
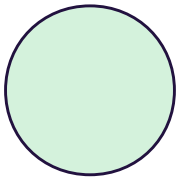
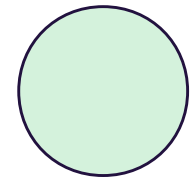
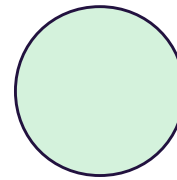
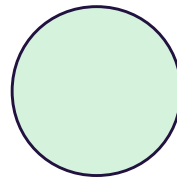
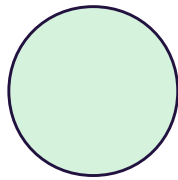
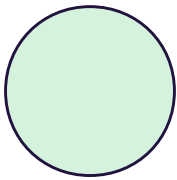
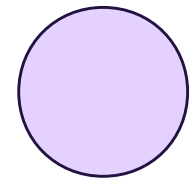
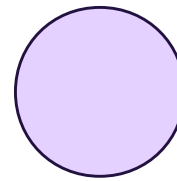
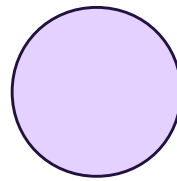
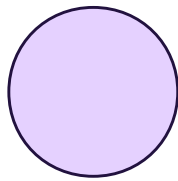
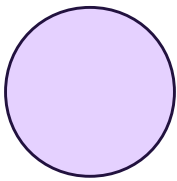
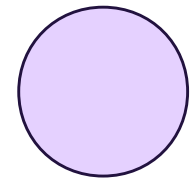
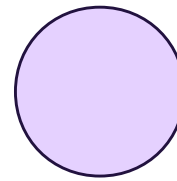
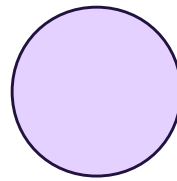
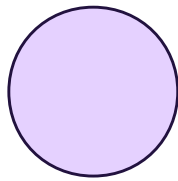
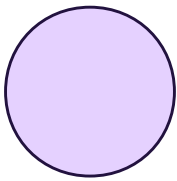
KINDERGARTEN / KEEP THIS TOOL

BREAKING NUMBERS INTO PARTS

Draw, build, point or tell.



An adult may cut these counters. Use whole counters for counting, matching and showing parts. Real blocks or fingers also work.





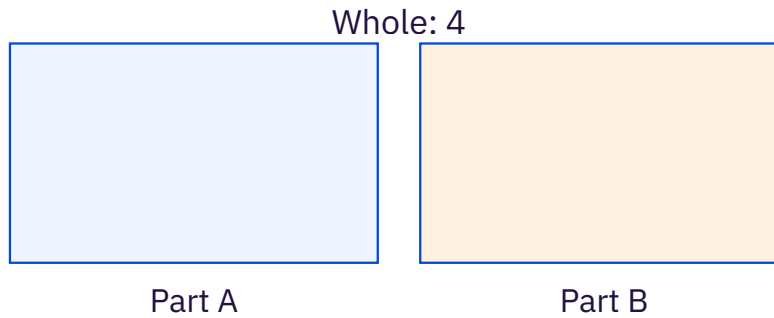
KINDERGARTEN / WORKED EXAMPLE TOGETHER

BREAKING NUMBERS INTO PARTS

Draw, build, point or tell.



Split 4 counters into 2 parts. Show one way.



1 • START: Keep the whole of 4 counters.

2 • TRY: Move counters between two parts; none join or leave.

3 • TELL: Check that both parts rejoin the whole: Parts total 4; examples vary.

Parts total 4; examples vary.



KINDERGARTEN / PRACTICE

BREAKING NUMBERS INTO PARTS

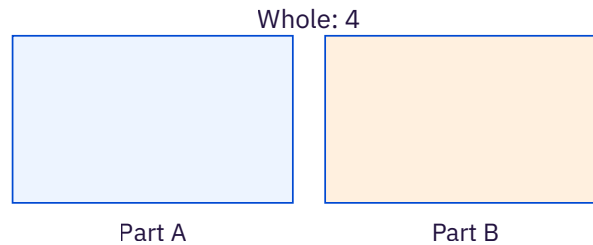
Draw, build, point or tell.



An adult may read. Draw, build, point or tell.

← MILD

2. Find another way to split 4.



My drawing, building or pointing space

My words (an adult may write): _____



KINDERGARTEN / PRACTICE

BREAKING NUMBERS INTO PARTS

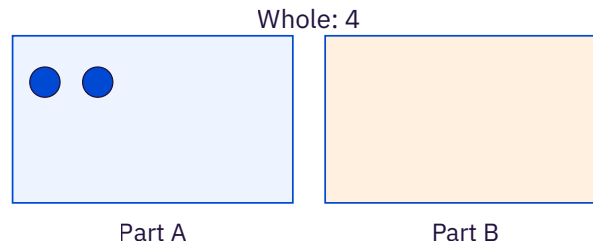
Draw, build, point or tell.



An adult may read. Draw, build, point or tell.

🔊 🔊 MEDIUM

3. One part of 4 is 2. Find the other.



My drawing, building or pointing space

My words (an adult may write): _____



KINDERGARTEN / PRACTICE

BREAKING NUMBERS INTO PARTS

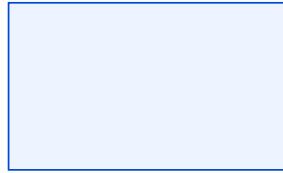
Draw, build, point or tell.



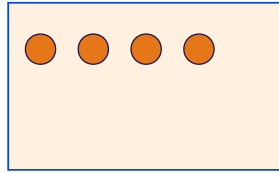
An adult may read. Draw, build, point or tell.

← ← MEDIUM

4. One part of 4 is 0. How many in the other part?



Part A



Part B

My drawing, building or pointing space

A large rectangular area with a light blue dashed grid for drawing or pointing.

My words (an adult may write): _____



KINDERGARTEN / PRACTICE

BREAKING NUMBERS INTO PARTS

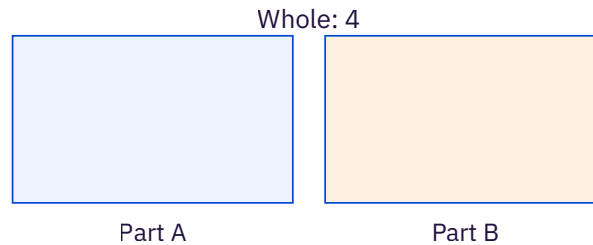
Draw, build, point or tell.



An adult may read. Draw, build, point or tell.



5. Can both parts of 4 change while the whole stays? Show.



My drawing, building or pointing space

My words (an adult may write): _____



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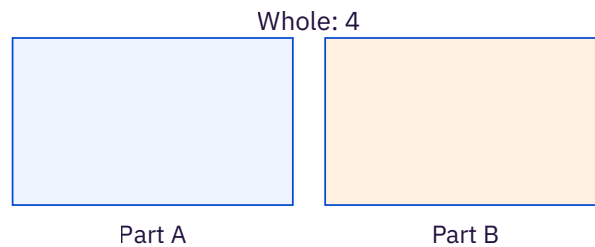
Draw, build, point or tell.



An adult may read. Draw, build, point or tell.

🔥🔥🔥 EXTRA SPICY

6. Show every pair of whole-number parts for 4, including zero.



My drawing, building or pointing space

My words (an adult may write): _____