

**KINDERGARTEN / PRACTICE**

SORTING AND COUNTING CATEGORIES

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.



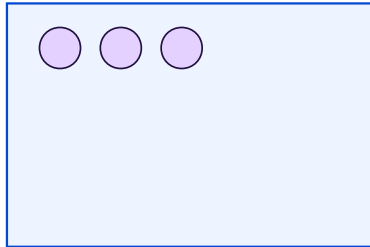
KINDERGARTEN / WORKED EXAMPLE 1

SORTING AND COUNTING CATEGORIES

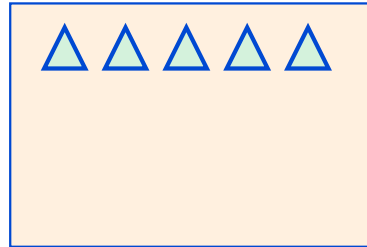
Draw, build, point or tell.



A stated rule makes categories



Circles



Triangles

1 • START: Use shape as the sorting rule.

2 • TRY: Put each object in its category.

3 • TELL: Count each category separately.

Circles here; triangles there.



KINDERGARTEN / WORKED EXAMPLE 2

SORTING AND COUNTING CATEGORIES

Draw, build, point or tell.



Category counts can be ordered

A ● ● ●

B ● ● ● ● ●

1 • START: Keep category labels.

2 • TRY: Match the three with three of the five.

3 • TELL: Five has two extras.

Three is fewer than five.



KINDERGARTEN / KEEP THIS TOOL

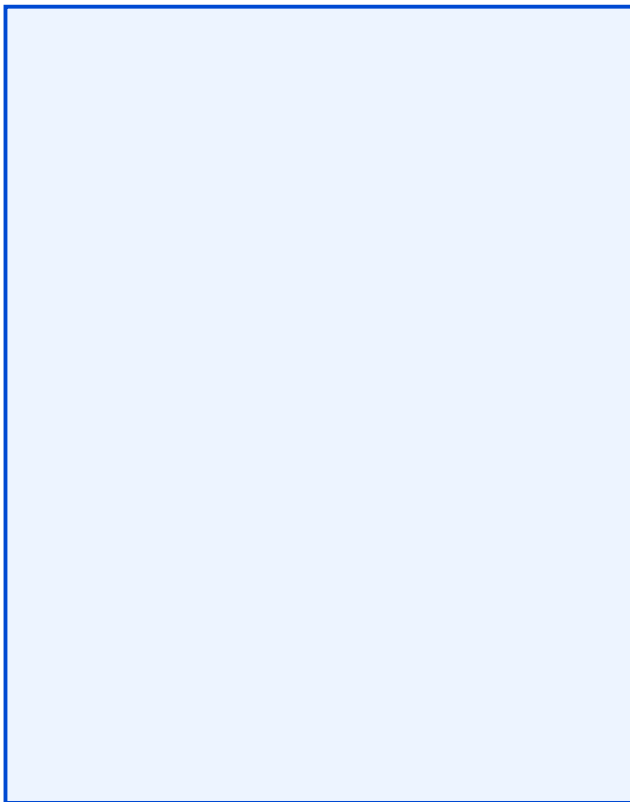
SORTING AND COUNTING CATEGORIES

Draw, build, point or tell.

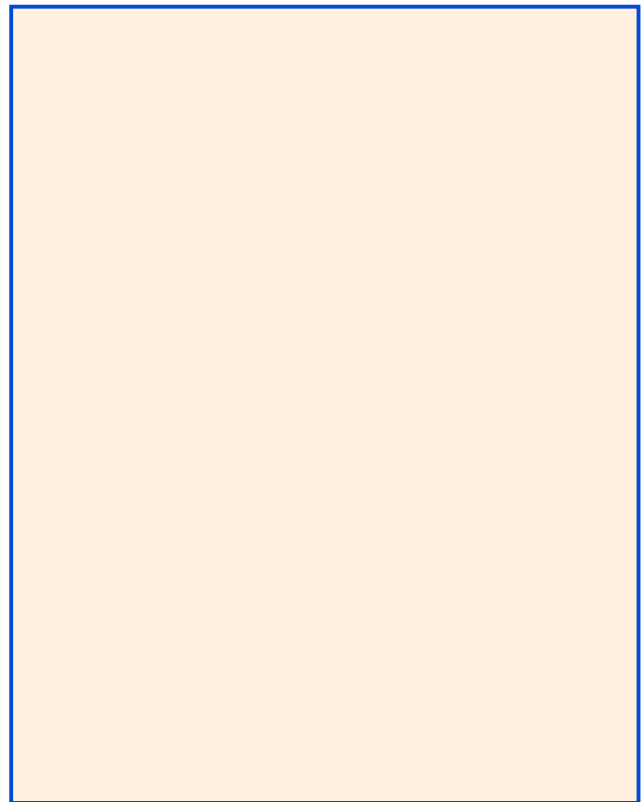


Put counters or objects on the mats. Match one object at a time, split a whole into parts, or sort by a stated rule.

Mat A



Mat B





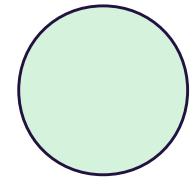
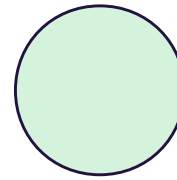
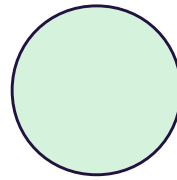
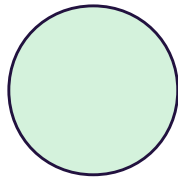
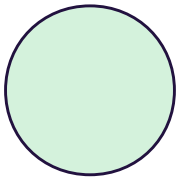
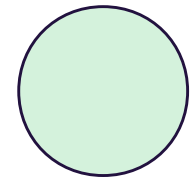
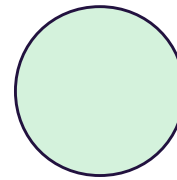
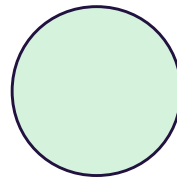
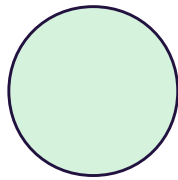
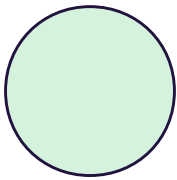
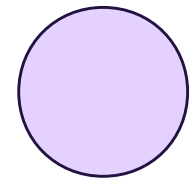
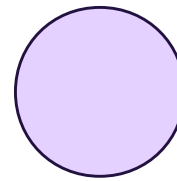
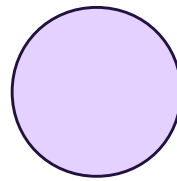
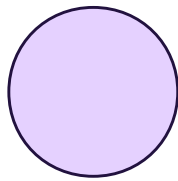
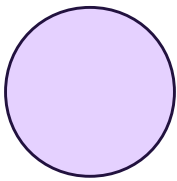
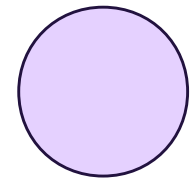
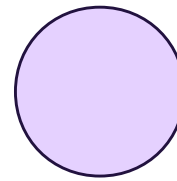
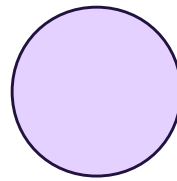
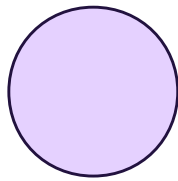
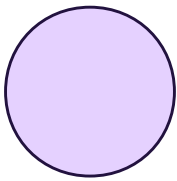
KINDERGARTEN / KEEP THIS TOOL

SORTING AND COUNTING CATEGORIES

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.





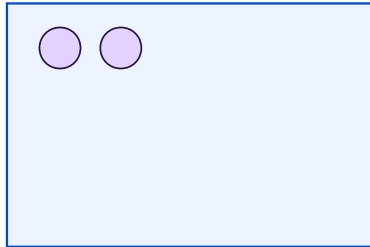
KINDERGARTEN / WORKED EXAMPLE TOGETHER

SORTING AND COUNTING CATEGORIES

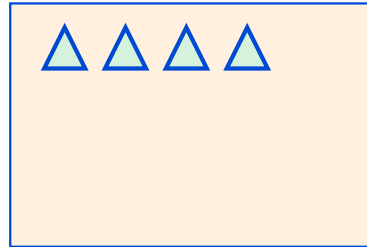
Draw, build, point or tell.



Sort the circles and triangles. Count each category.



Circles



Triangles

1 • START: Use the stated shape rule for every object.

2 • TRY: Count each category separately and match counts.

3 • TELL: Keep the labels with the results: 2 circles and 4 triangles.

2 circles and 4 triangles.



KINDERGARTEN / PRACTICE

SORTING AND COUNTING CATEGORIES

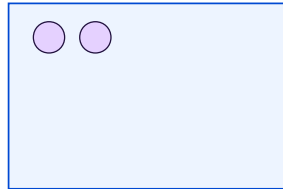
Draw, build, point or tell.



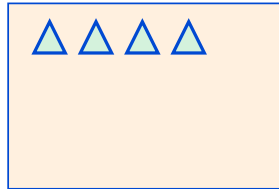
An adult may read. Draw, build, point or tell.

← MILD

2. Which shape category has more?



Circles



Triangles

My drawing, building or pointing space

A large rectangular area with a light purple border and a grid of small dots for drawing or pointing.

My words (an adult may write): _____



KINDERGARTEN / PRACTICE

SORTING AND COUNTING CATEGORIES

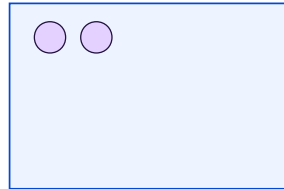
Draw, build, point or tell.



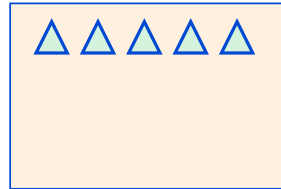
An adult may read. Draw, build, point or tell.

← ← MEDIUM

3. Which shape category has fewer?



Circles



Triangles

My drawing, building or pointing space

A large rectangular area with a light purple border and a grid of small dots for drawing or pointing.

My words (an adult may write): _____



KINDERGARTEN / PRACTICE

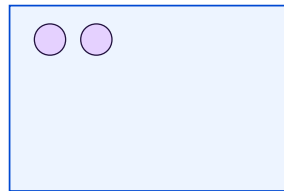
SORTING AND COUNTING CATEGORIES

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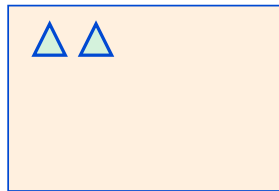


An adult may read. Draw, build, point or tell.

← MEDIUM 4. Both shape categories have this count. Are the counts equal?



Circles



Triangles

My drawing, building or pointing space

My words (an adult may write): _____



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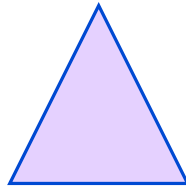
Draw, build, point or tell.



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

SPICY

5. Can a different color change a triangle into a circle? Tell why.



Trace, turn or build a real example

My drawing, building or pointing space

My words (an adult may write): _____



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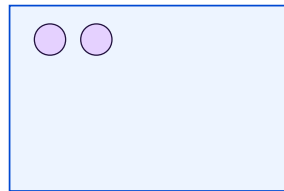
Draw, build, point or tell.



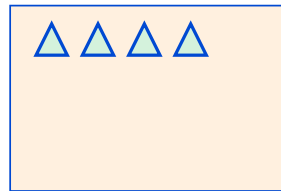
An adult may read. Draw, build, point or tell.

🔥🔥🔥 EXTRA SPICY

6. Make new circle and triangle sets with equal counts. Show both.



Circles



Triangles

My drawing, building or pointing space

My words (an adult may write): _____