

Sort the same set by a different rule

NAME	DATE	SCORE
		/ 10

1 Dev has 4 toys: big ball, small ball, big cube and small cube. Dev sorts them into big toys and small toys. What rule did Dev use?

☐ By size ☐ By shape

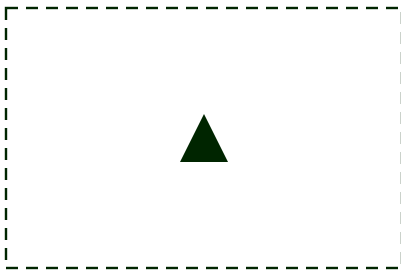
2

I sorted the cards one way. How did I sort them? Now sort them a different way. How did you sort them?

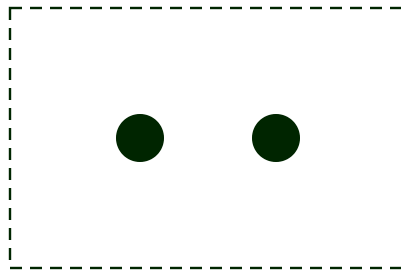
FOR THE ADULT

1. Cut out the cards below.
2. Put them in groups by how many shapes are on the card: the cards with 1 shape and the cards with 2 shapes.
3. Ask: "How did I sort them?"
4. Mix the cards up. Say: "Now sort them a different way. How did you sort them?"
5. Do not help or show a way.

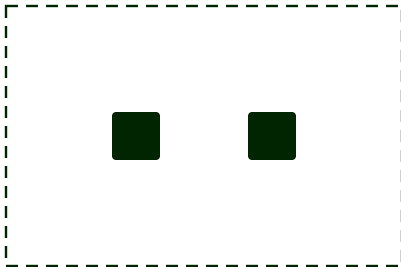
☐ Did it ☐ Not yet The child's rule: _____



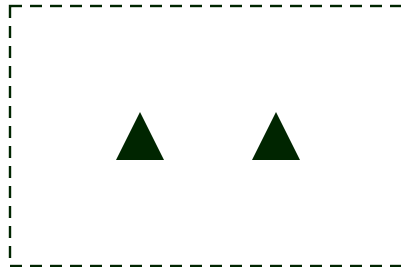
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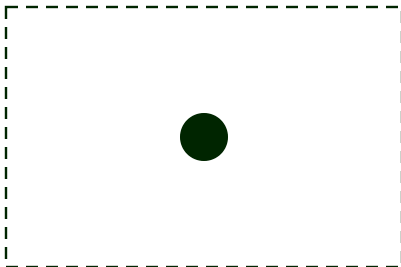
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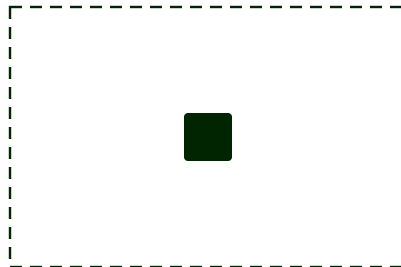
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3 Ana has 4 toys: green ball, yellow ball, green cube and yellow cube. Ana sorts them by shape. What other rule can Ana use to sort them?

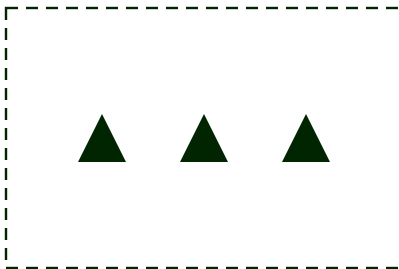
☐ By shape ☐ By colour

4 I sorted the cards one way. How did I sort them? Now sort them a different way. How did you sort them?

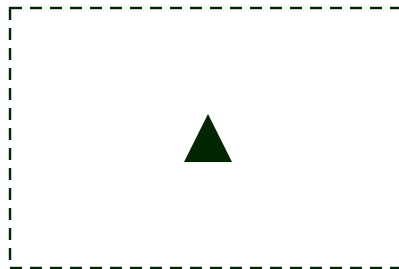
FOR THE ADULT

1. Cut out the cards below.
2. Put them in groups by shape: the circles and the triangles.
3. Ask: "How did I sort them?"
4. Mix the cards up. Say: "Now sort them a different way. How did you sort them?"
5. Do not help or show a way.

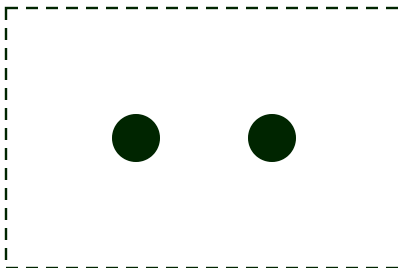
☐ Did it ☐ Not yet The child's rule: _____



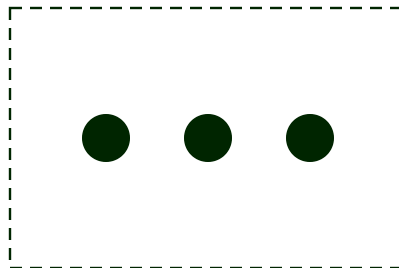
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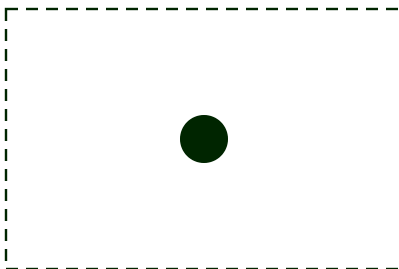
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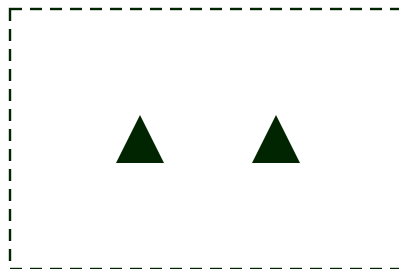
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Leo has 4 toys: big ball, small ball, big cube and small cube. Leo sorts them by size.
What other rule can Leo use to sort them?

- ☐ By size ☐ By shape

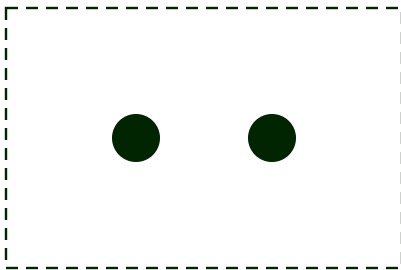
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I sorted the cards one way. How did I sort them? Now sort them a different way. How did you sort them?

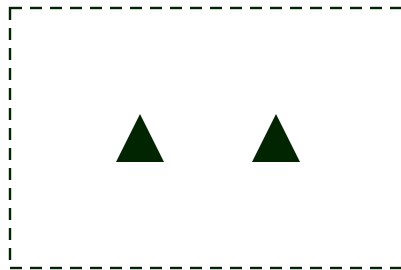
FOR THE ADULT

1. Cut out the cards below.
2. Put them in groups by how many shapes are on the card: the cards with 1 shape and the cards with 2 shapes.
3. Ask: "How did I sort them?"
4. Mix the cards up. Say: "Now sort them a different way. How did you sort them?"
5. Do not help or show a way.

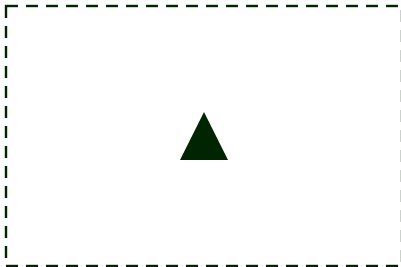
☐ Did it ☐ Not yet The child's rule: _____



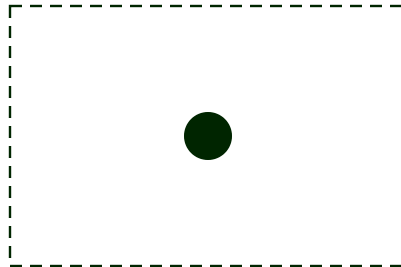
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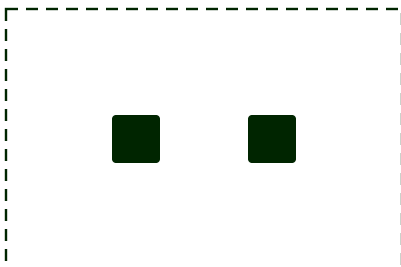
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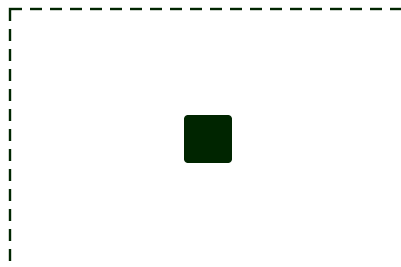
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Noah has 4 toys: big ball, small ball, big cube and small cube. Noah sorts them by shape. What other rule can Noah use to sort them?

- ☐ By shape ☐ By size

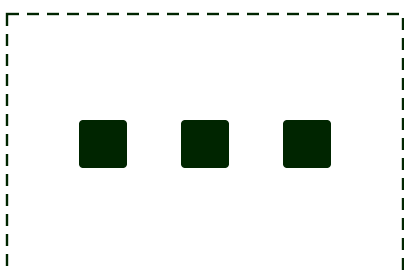
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I sorted the cards one way. How did I sort them? Now sort them a different way. How did you sort them?

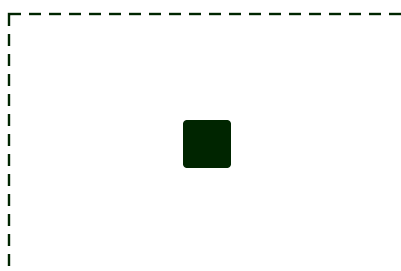
FOR THE ADULT

1. Cut out the cards below.
2. Put them in groups by how many shapes are on the card: the cards with 1 shape, the cards with 2 shapes and the cards with 3 shapes.
3. Ask: "How did I sort them?"
4. Mix the cards up. Say: "Now sort them a different way. How did you sort them?"
5. Do not help or show a way.

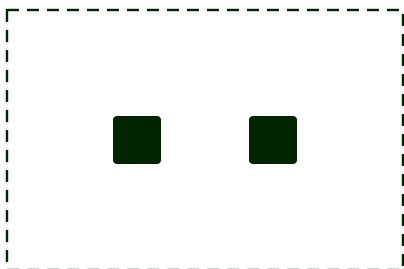
☐ Did it ☐ Not yet The child's rule: _____



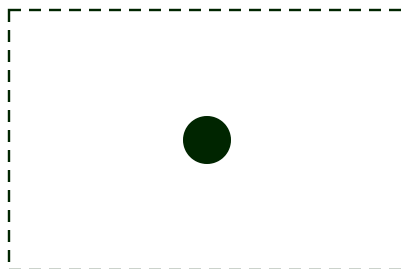
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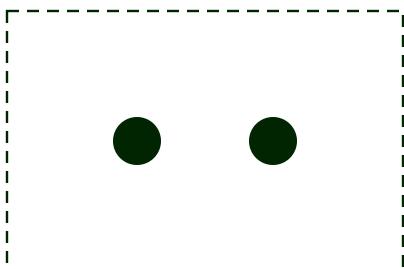
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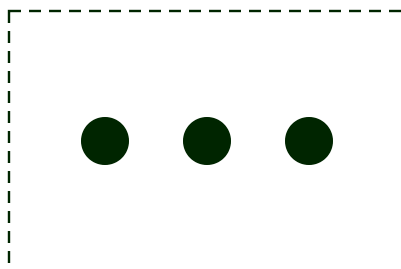
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Maya has 4 balls: big green, small green, big yellow and small yellow. Maya sorts them by colour. What other rule can Maya use to sort them?

- ☐ By size ☐ By colour

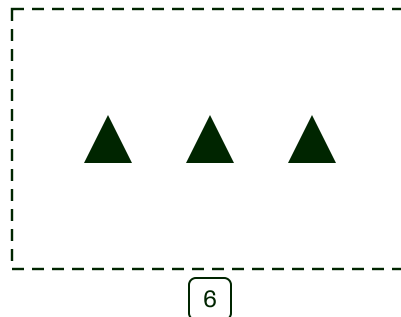
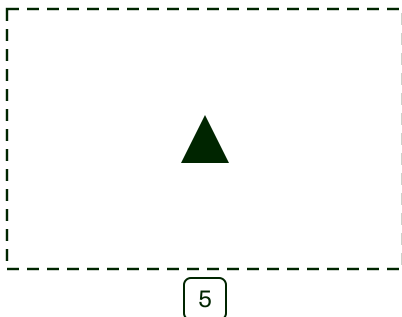
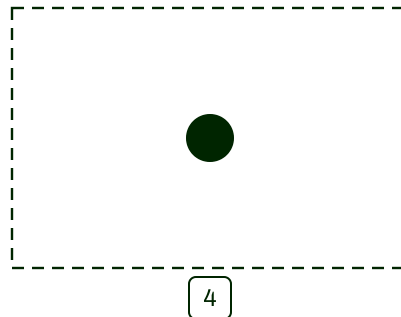
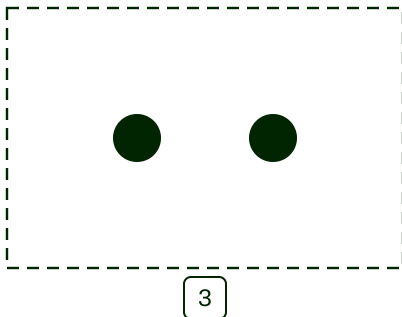
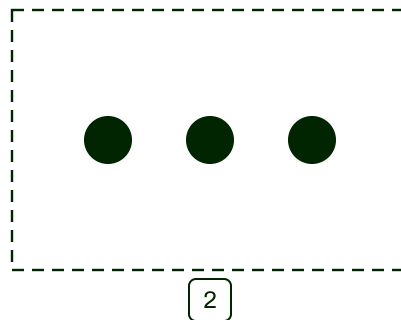
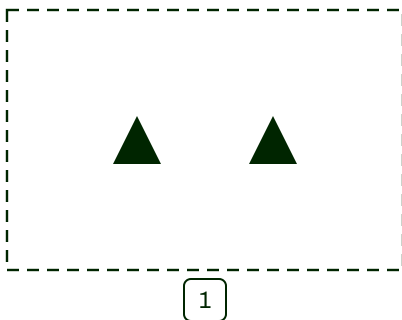
10

I sorted the cards one way. How did I sort them? Now sort them a different way. How did you sort them?

FOR THE ADULT

1. Cut out the cards below.
2. Put them in groups by how many shapes are on the card: the cards with 1 shape, the cards with 2 shapes and the cards with 3 shapes.
3. Ask: "How did I sort them?"
4. Mix the cards up. Say: "Now sort them a different way. How did you sort them?"
5. Do not help or show a way.

☐ Did it ☐ Not yet The child's rule: _____



Sort the same set by a different rule

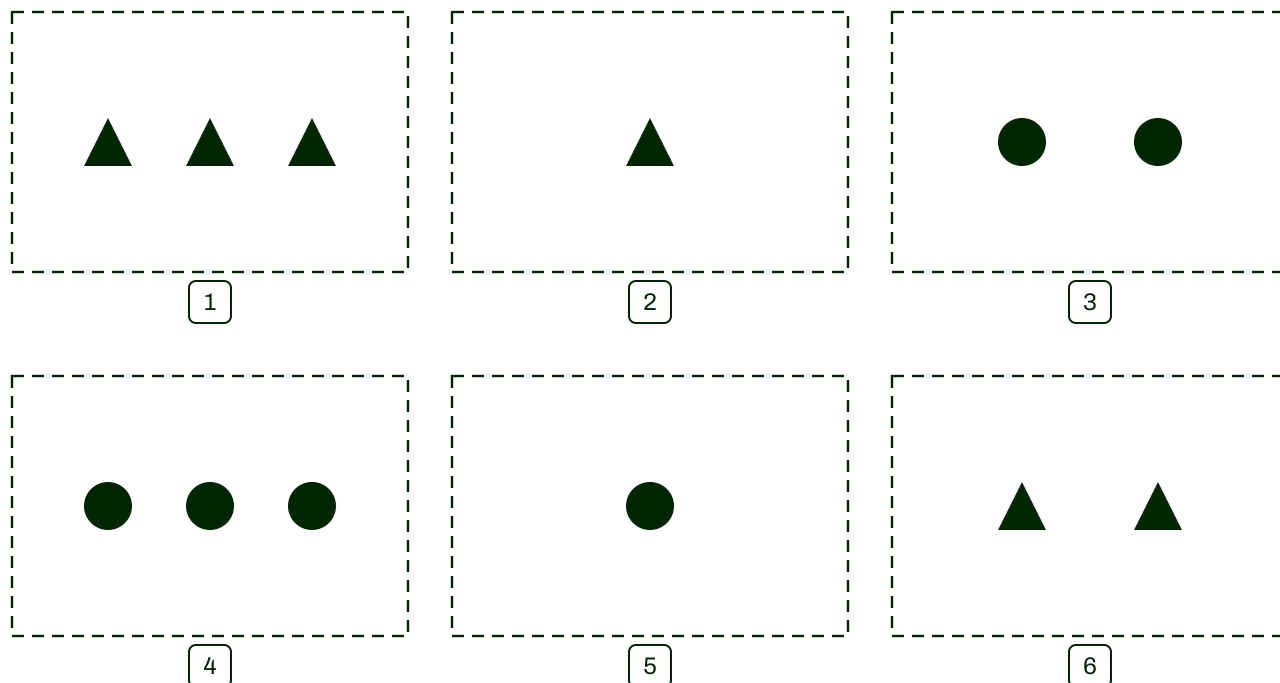
- | | |
|--|---|
| <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;"> 1 By size </div> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;"> 5 By shape </div> <div style="border: 1px solid #ccc; padding: 5px;"> 9 By size </div> | <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;"> 3 By colour </div> <div style="border: 1px solid #ccc; padding: 5px;"> 7 By size </div> |
|--|---|

2 Watched by the adult

		
1	2	3
		
4	5	6

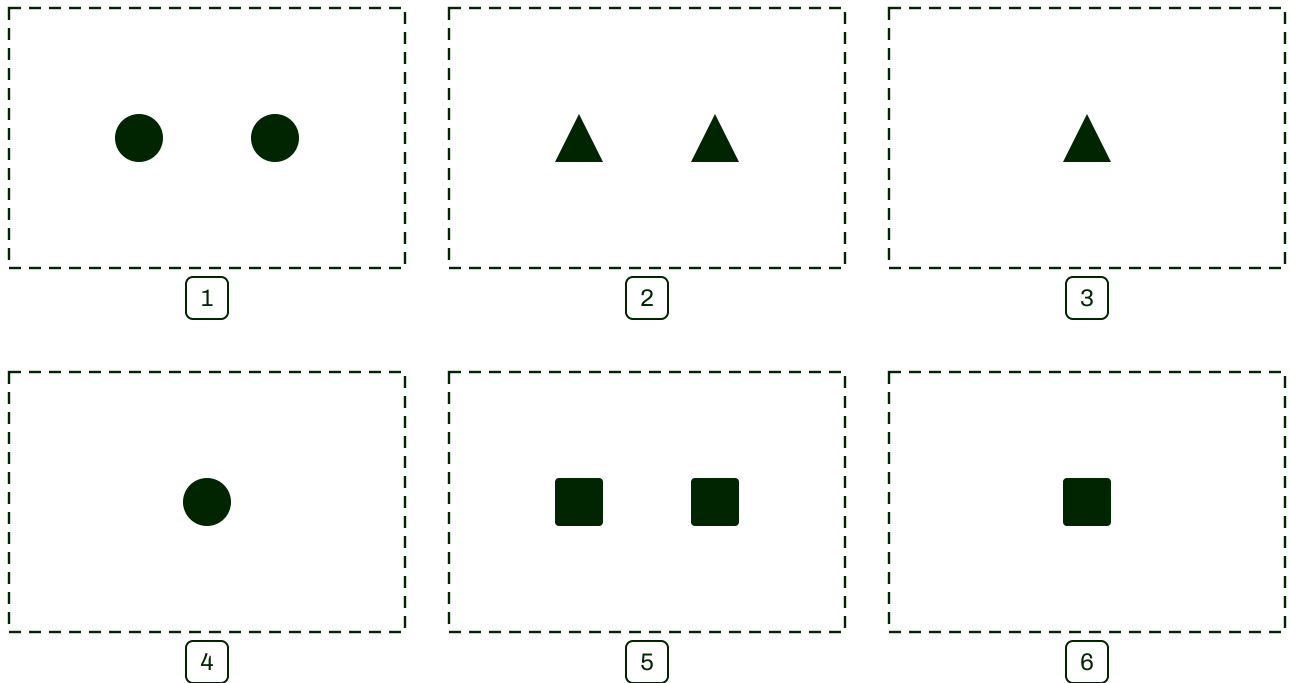
What counts as right: Says how the cards were sorted first (by how many shapes are on the card). Then sorts them again by shape: the circles, the triangles and the squares, with every card in the right group, and says the new rule in any words (“by the shapes”). Sorting them by how many shapes are on the card again, or groups that mix, is Not yet.

4 Watched by the adult



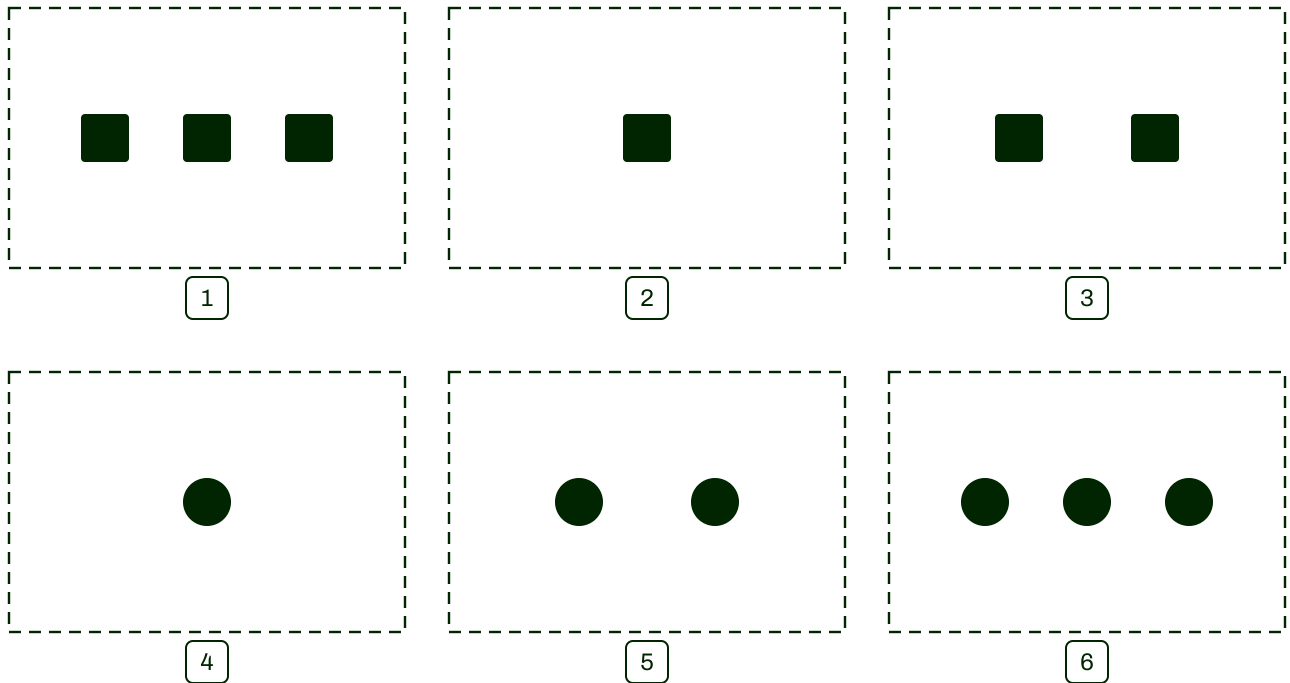
What counts as right: Says how the cards were sorted first (by shape). Then sorts them again by how many shapes are on the card: the cards with 1 shape, the cards with 2 shapes and the cards with 3 shapes, with every card in the right group, and says the new rule in any words (“by how many”). Sorting them by shape again, or groups that mix, is Not yet.

6 Watched by the adult



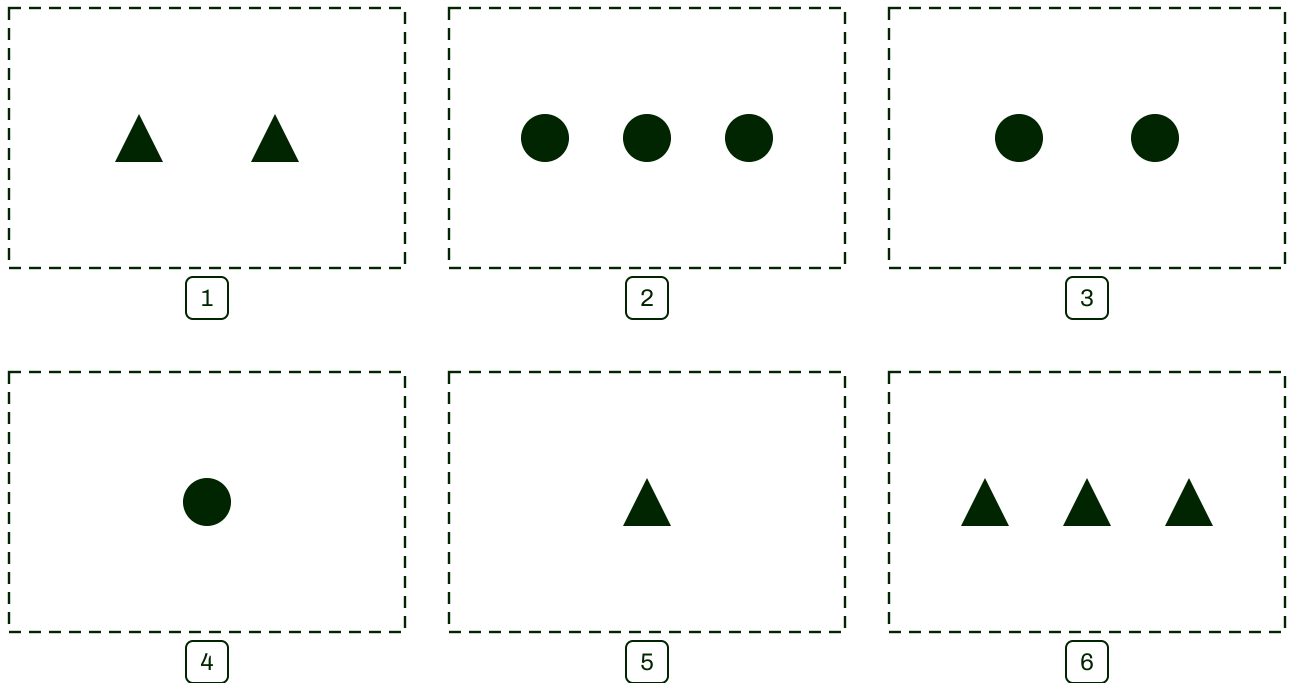
What counts as right: Says how the cards were sorted first (by how many shapes are on the card). Then sorts them again by shape: the triangles, the circles and the squares, with every card in the right group, and says the new rule in any words (“by the shapes”). Sorting them by how many shapes are on the card again, or groups that mix, is Not yet.

8 Watched by the adult



What counts as right: Says how the cards were sorted first (by how many shapes are on the card). Then sorts them again by shape: the squares and the circles, with every card in the right group, and says the new rule in any words (“by the shapes”). Sorting them by how many shapes are on the card again, or groups that mix, is Not yet.

10 Watched by the adult



What counts as right: Says how the cards were sorted first (by how many shapes are on the card). Then sorts them again by shape: the triangles and the circles, with every card in the right group, and says the new rule in any words (“by the shapes”). Sorting them by how many shapes are on the card again, or groups that mix, is Not yet.