KINDERGARTEN · SPATIAL AND GEOMETRIC REASONING

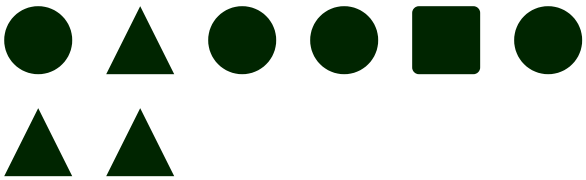
Sort shapes by a single stated attribute

NAME	DATE	SCORE / 10

For the adult. Read each question aloud. The child circles or writes the answer.

---

1 Sort the shapes into round shapes and shapes with corners. How many shapes have corners?



---

2 Can you put the shapes into two groups by kind of shape?

FOR THE ADULT

1. Cut out the shapes below and mix them up.
2. Say: “Put the shapes into two groups, by kind of shape.”
3. Then ask: “Why do these go together?”

☐ Did it ☐ Not yet The child said: _____

---

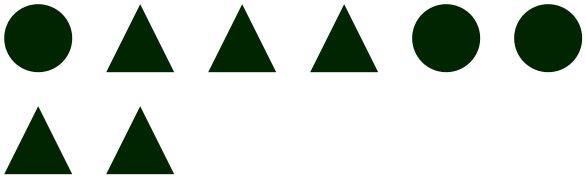
3 Sort the shapes into round shapes and shapes with corners. How many shapes are round?

4 Can you put the shapes into two groups by number of sides?

FOR THE ADULT

1. Cut out the shapes below and mix them up.
2. Say: “Put the shapes into two groups, by number of sides.”
3. Then ask: “Why do these go together?”

☐ Did it ☐ Not yet The child said: _____



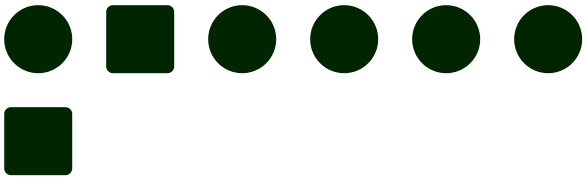
5 Sort the shapes by the number of sides. How many shapes have four sides?

6 Can you put the shapes into two groups by number of sides?

FOR THE ADULT

1. Cut out the shapes below and mix them up.
2. Say: “Put the shapes into two groups, by number of sides.”
3. Then ask: “Why do these go together?”

☐ Did it ☐ Not yet The child said: _____



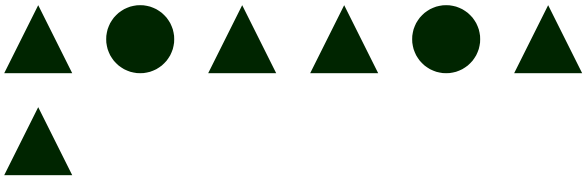
7 Sort the shapes by the number of sides. How many shapes have three sides?

8 Can you put the shapes into two groups by number of sides?

FOR THE ADULT

1. Cut out the shapes below and mix them up.
2. Say: “Put the shapes into two groups, by number of sides.”
3. Then ask: “Why do these go together?”

☐ Did it ☐ Not yet The child said: _____



9 Sort the shapes into round shapes and shapes with corners. How many shapes have corners?

10 Can you put the shapes into two groups by number of sides?

FOR THE ADULT

1. Cut out the shapes below and mix them up.
2. Say: “Put the shapes into two groups, by number of sides.”
3. Then ask: “Why do these go together?”

☐ Did it ☐ Not yet The child said: _____

ANSWER KEY · KINDERGARTEN · SPATIAL AND GEOMETRIC REASONING

Sort shapes by a single stated attribute

1 4

3 2

5 1

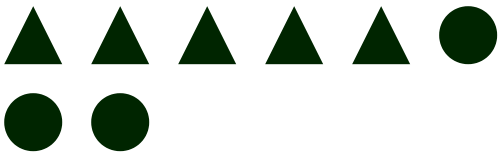
7 1

9 3

2 Watched by the adult

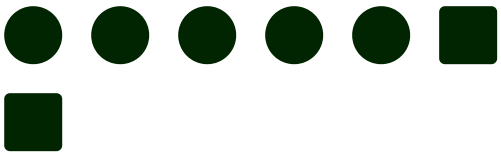
What counts as right: Makes two groups, 2 squares and 2 triangles, with every shape in its own group, and says why (“these are all squares”, or “these have 4 sides”). A shape in the wrong group, or groups made by something else such as size, is Not yet.

4 Watched by the adult



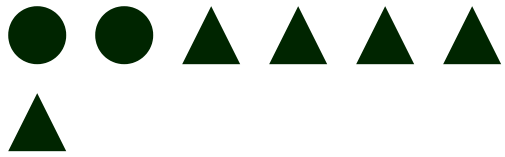
What counts as right: Makes two groups, 5 triangles and 3 circles, with every shape in its own group, and says why (“these are all triangles”, or “these have 3 sides”). A shape in the wrong group, or groups made by something else such as size, is Not yet.

6 Watched by the adult



What counts as right: Makes two groups, 5 circles and 2 squares, with every shape in its own group, and says why (“these are all circles”, or “these have no sides”). A shape in the wrong group, or groups made by something else such as size, is Not yet.

8 Watched by the adult



What counts as right: Makes two groups, 2 circles and 5 triangles, with every shape in its own group, and says why (“these are all circles”, or “these have no sides”). A shape in the wrong group, or groups made by something else such as size, is Not yet.

10 Watched by the adult

What counts as right: Makes two groups, 3 triangles and 3 squares, with every shape in its own group, and says why (“these are all triangles”, or “these have 3 sides”). A shape in the wrong group, or groups made by something else such as size, is Not yet.