

SORTING BY ATTRIBUTES

Sort by color, size, shape and number of sides: circle the match, find the one that does not belong, sort two ways, write the rule and cut and glue onto a sort mat. A tracker, a class grid and a family update. Print, or type the names and trackers. PDF.

CIRCLE THE MATCH

My name: _____ Date: _____

Circle the ones that match. Then count them.

1 Circle all the green ones.

2 Circle all the red ones.

How many? _____

WHICH ONE DOES NOT BELONG?

My name: _____ Date: _____

Circle the one that does not belong. Write its number.

1

2

Number that does not belong: _____

SORT TWO WAYS

My name: _____ Date: _____

Sort the shapes two ways. Count each group.

Sort by shape: circle _____ rectangle _____

WRITE THE RULE

My name: _____ Date: _____

How are they alike? Circle the right sentence.

1

2

3 They are all triangles. 4 They are all small. 5 They are all red.

6 They are all triangles. 7 They are all red. 8 They are all big.

CUT AND GLUE

My name: _____ Date: _____

Cut out the pictures. Glue each one in the right box.

yellow

green

SORTING TRACKER

PAGE	PAGE TYPE AND SET	ITEMS	RIGHT	DATE	NOTES
7	Circle the Match: color	4			
8	Circle the Match: size	4			
9	Circle the Match: shape	4			
10	Circle the Match: sides	4			
11	Which One Does Not Belong A	4			
12	Which One Does Not Belong B	4			
13	Sort Two Ways A	2			
14	Sort Two Ways B	2			
15	Sort Two Ways C	2			
16	Write the Rule A	4			
17	Write the Rule B	4			
18	Cut and Glue: color	8			

33 Pages

7 Page Types

79 Items

Color Size Shape



One complete kit for sorting by attributes: color, size, shape and number of sides, with circling, an odd-one-out, sorting the same pile two ways, writing the rule and cut-and-glue sort mats — on pages with room to work, untimed.

THREE STEPS

1 Look at Ways to Sort together

Page 5 shows the same six shapes sorted four ways: by color, by size, by shape and by sides. Page 6 is a word mat the child can keep beside them. Read both aloud, then let the child pick a way to sort and write it.

2 Hand over a page

Every student page opens with a name line and one short instruction, and the boxes are big. Nothing on it is written for you, so the child can start. The chart below says which page for which child; the dots at the top right are the only level code.

3 Check it, record it, send it home

The answer keys are pages 23 and 24. Date each page on the tracker (page 25), roll a group up on page 26, and send the home page (28). A filled example is on page 29.

WHICH PAGE, WHEN

WHEN...	USE...
Meeting sorting for the first time	Ways to Sort, page 5 · Circle the Match: color, page 7
Sorts one thing at a time	Circle the Match, pages 7, 8, 9, 10
Needs to cut, glue and place	Cut and Glue, pages 18, 19, 20, 21, 22
Rushes and does not check	Which One Does Not Belong?, pages 11, 12
Ready to sort the same pile two ways	Sort Two Ways, pages 13, 14, 15
Ready to say or write the rule	Write the Rule, pages 16, 17
Ready to practice at home	Home page, page 28 · notes: page 27, phrase bank 30

Everything inside (33 pages)

- **18 student pages** in 7 page types: Ways to Sort, My Sorting Words, Circle the Match, Which One Does Not Belong?, Sort Two Ways, Write the Rule and Cut and Glue
- **79 scored items** on 16 pages, every answer computed in code
- **41 cut-and-glue pieces** on 5 sort mats
- **2 answer keys, 1 tracker, 1 class grid**
- **1 team note, 1 home page, 1 filled example, 1 phrase bank**
- **1 binder cover, 6 divider tabs** and a spine label

Print note

Color is part of the picture here. Pages where a child sorts or names by color (pages 7, 11, 12, 13, 14, 16, 17, 18, 22) need a color printer or a color screen. On the other pages the shapes still print as readable outlines in black and white, and every question there is about size, shape or sides.



My name: _____

Date _____

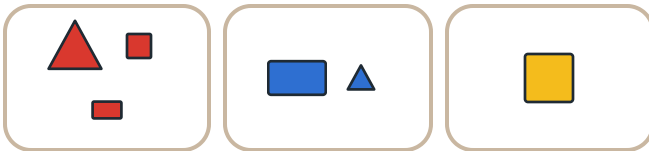


Look at the four ways to sort. Then sort your own.

These six shapes can be sorted four different ways.



Sort by color



Same color goes together.

red: 3, blue: 2, yellow: 1

Sort by size



Big with big, small with small.

big: 3, small: 3

Sort by shape



Same shape goes together.

triangles: 2, squares: 2, rectangles: 2

Sort by sides



Count the sides. Same number goes together.

3 sides: 2, 4 sides: 4

Your turn. Pick a way to sort the six shapes above.

I sorted by

I made

groups



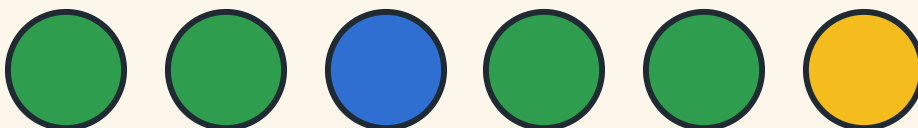
My name: _____

Date _____



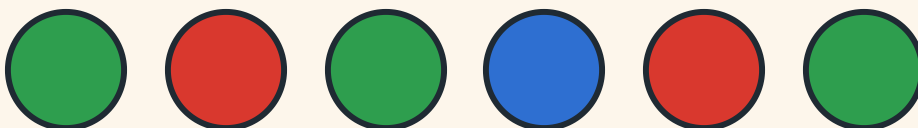
 Circle the ones that match. Then count them.

1  Circle all the green ones.



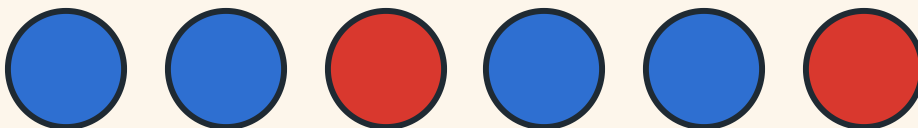
How many?

2  Circle all the red ones.



How many?

3  Circle all the blue ones.



How many?

4  Circle all the yellow ones.



How many?



My name: _____

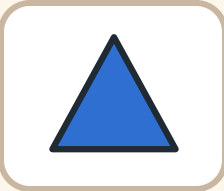
Date _____



○ Circle the one that does not belong. Write its number.

1

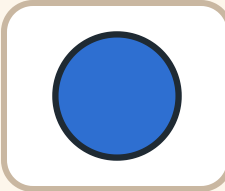
1



2



3



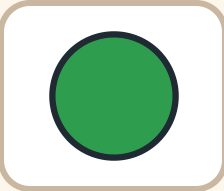
4



Number that does not belong

2

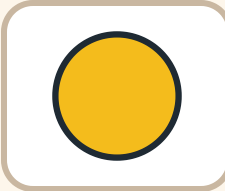
1



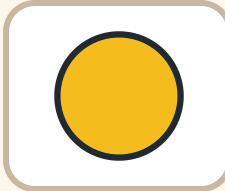
2



3



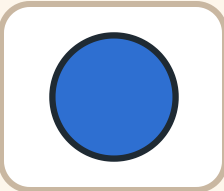
4



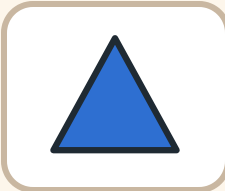
Number that does not belong

3

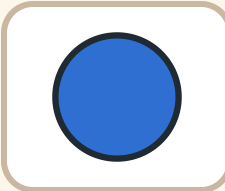
1



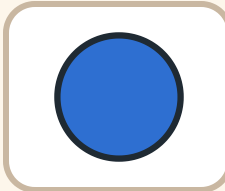
2



3



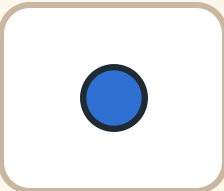
4



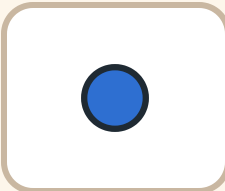
Number that does not belong

4

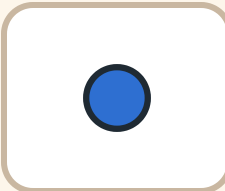
1



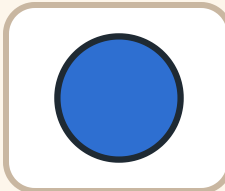
2



3



4



Number that does not belong

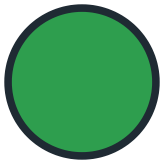
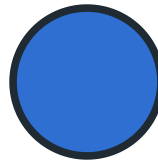
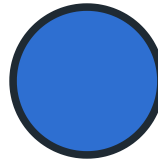


My name: _____

Date _____



Sort the shapes two ways. Count each group.

Sort by
color

blue



green

Sort by size



big



small

Your turn. Sort the shapes a new way.

I sorted by

I found

in one group

Draw my groups here.



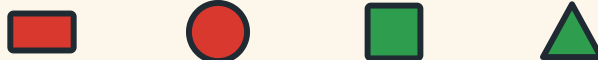
My name: _____

Date _____



○ How are they alike? Circle the right sentence.

1



A They are all triangles.

B They are all small.

C They are all red.

2

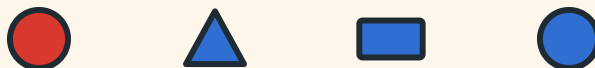


A They are all triangles.

B They are all red.

C They are all big.

3

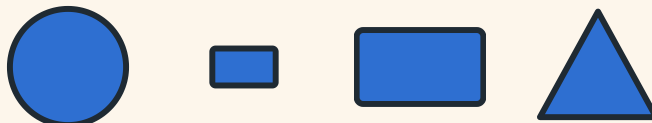


A They are all small.

B They are all triangles.

C They are all blue.

4



A They are all big.

B They are all rectangles.

C They are all blue.



My name: _____

Date _____



Cut out the pictures. Glue each one in the right box.



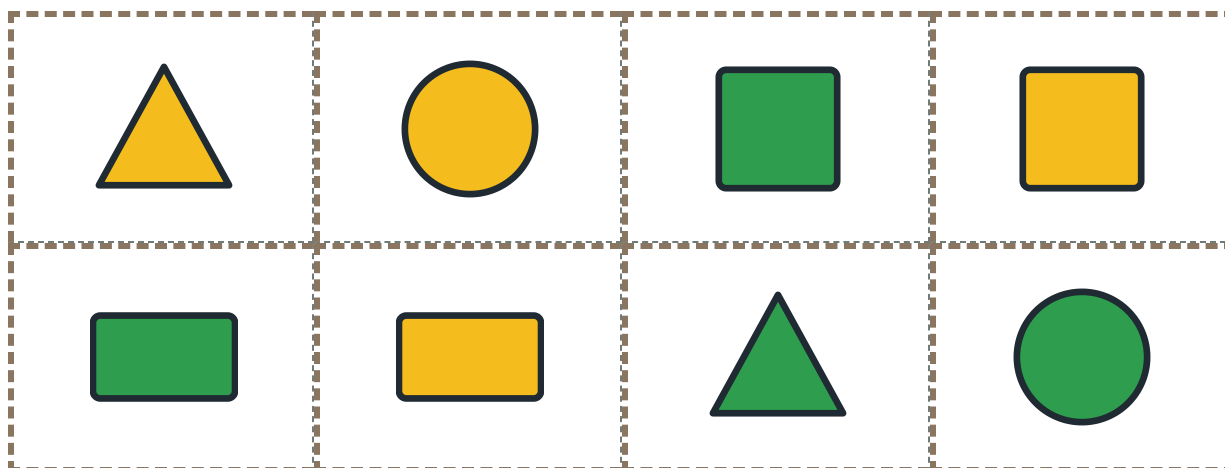
yellow



green



Cut on the dashed lines.





STUDENT

TEACHER

MONTH

PAGE	PAGE TYPE AND SET	ITEMS	RIGHT	DATE	NOTES
7	Circle the Match: color	4			
8	Circle the Match: size	4			
9	Circle the Match: shape	4			
10	Circle the Match: sides	4			
11	Which One Does Not Belong A	4			
12	Which One Does Not Belong B	4			
13	Sort Two Ways A	2			
14	Sort Two Ways B	2			
15	Sort Two Ways C	2			
16	Write the Rule A	4			
17	Write the Rule B	4			
18	Cut and Glue: color	8			
19	Cut and Glue: size	8			
20	Cut and Glue: shape	8			
21	Cut and Glue: sides	8			
22	Cut and Glue: three boxes	9			

How to fill this in

Write how many items the child got right with no prompt, and the date. A blank means not tried yet, never wrong. There are 79 items on the 16 pages above; Ways to Sort and My Sorting Words (pages 5 and 6) are not scored. Answer keys: pages 23 and 24. Filled example: page 29.

THIS MONTH WE ARE WORKING ON (YOUR OWN WORDING)





Jo M. is invented; nothing on this page describes a real student. The blank tracker is on page 25.

STUDENT

TEACHER

MONTH

Jo M. (an invented student)

Ms. Odom (invented)

October

PAGE	PAGE TYPE AND SET	ITEMS	RIGHT	DATE	NOTES
7	Circle the Match: color	4	4	10/1	–
8	Circle the Match: size	4	4	10/2	–
9	Circle the Match: shape	4	–	–	–
10	Circle the Match: sides	4	–	–	–
11	Which One Does Not Belong A	4	3	10/5	Needed a prompt on item 3
12	Which One Does Not Belong B	4	–	–	–
13	Sort Two Ways A	2	2	10/6	–
14	Sort Two Ways B	2	–	–	–
15	Sort Two Ways C	2	–	–	–
16	Write the Rule A	4	3	10/7	Said the rule out loud, then circled
17	Write the Rule B	4	–	–	–
18	Cut and Glue: color	8	8	10/3	–
19	Cut and Glue: size	8	–	–	–
20	Cut and Glue: shape	8	–	–	–
21	Cut and Glue: sides	8	–	–	–
22	Cut and Glue: three boxes	9	–	–	–

How to read it

Jo M. has done **6 of 16** scored pages and got **24 of 26** items right with no prompt. **4** pages were all right. Every number here comes from the table above.

The family note this tracker would produce

“This month Jo finished 6 sorting pages and got 24 of 26 items right. Jo needed a little help on one odd-one-out item and said the rule out loud before circling on Write the Rule; more practice saying the rule first is next.” — every fact in it is a row of the table above.

What the table points to

Two pages carry a note and each is one item short of full. Pages left blank (10 of them) are not tried yet, never wrong.



THANK YOU FOR USING THIS RESOURCE

Everything here was built for the teacher who has a table of children who each need a different amount of support sorting and describing what they see. If this helped, leaving feedback on TPT helps other teachers find it.

Everything inside, one more time

- **18 student pages** in 7 page types, 79 scored items, every answer computed in code from the shapes on the page.
- **41 cut-and-glue pieces** on 5 sort mats, **2 answer keys**, **1 word mat**.
- **1 tracker**, **1 class grid**, **1 team note**, **1 home page**, **1 filled example**, **1 phrase bank** (16 starters), **1 binder cover** and divider tabs.

How this file avoids guessing

Wherever a child chooses among printed spots — the lettered sentence, the position of the odd one, the order of the pieces on the cut strip — the position of the right answer is checked in code so it never sits in the same spot three times in a row. Every shape is drawn in code, which is why the file renders the same way every time it is opened.

No real student anywhere in this file

The filled example on page 29 names “Jo M.,” an invented student used only to show how the tracker fills in. No table, note or score anywhere in this resource describes a real child, and nothing here is a clinical judgment, an eligibility timeline, or a medical claim of any kind. Once you fill in a real student’s name, the tracker, class grid and team note (pages 25, 26 and 27) do carry real information — keep completed pages secure the same way you would any other record.

Something missing or wrong?

Please use the **Ask a Question** tab on the product page first — every question is read, and a fix to the file is a free update you re-download from **My Purchases**.

WHAT'S NEXT FROM THIS STORE

More shapes and number sense once sorting is solid.



2D Shape Identification Sort Task Box

A sorting task box for independent work, shapes drawn and sorted.



2D Shapes Worksheets

Name, trace, count sides and corners, then cut and glue.



Subitizing Practice Worksheets

Dot cards, dice and ten frames for instant number sense.

Part of the K-2 Math Practice collection — new products in this collection are added regularly. Click **Follow** on the store page and TPT will email you when they go up.

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