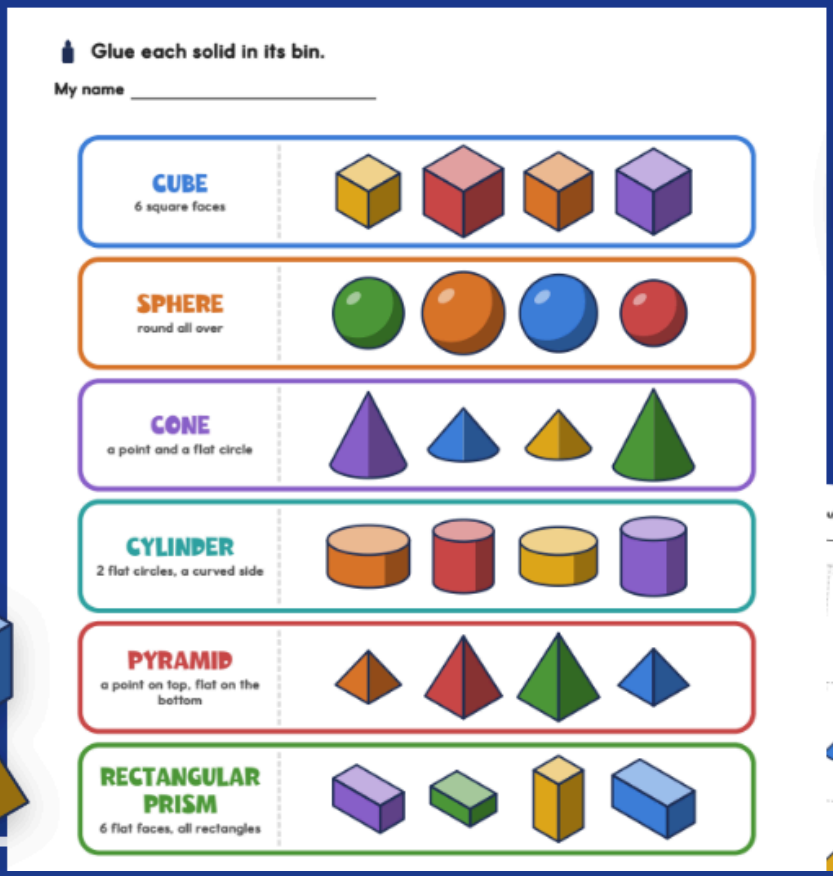
3D SHAPE SORT

Cut and Paste Task Box

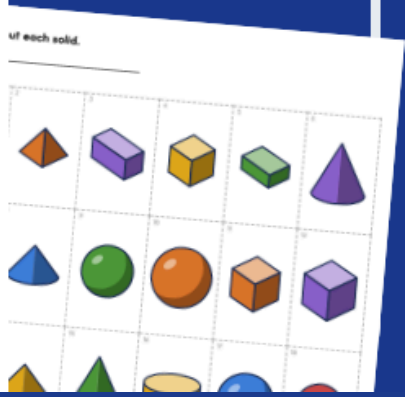
25 PAGES

60 CUT PIECES

Bright Path Sped



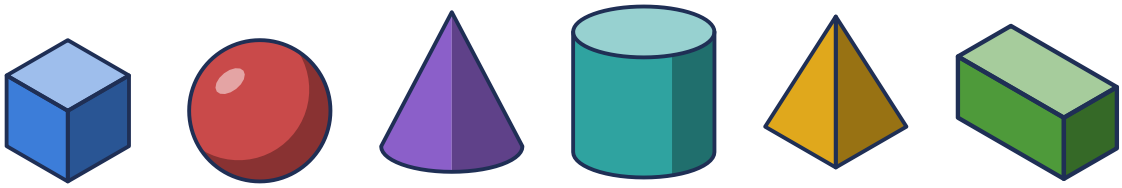




Preview · Bright Path Sped

3D Shape Sort

A cut and paste solid sort task box in 3 levels. Start here.



What's inside

- Level 1 (two mats): sphere or cube, then cone or cylinder, each with a cut page of 12 solids
- Level 2: six bins by name and a cut page of 24 solids
- Level 3: can roll, can stack or both, with a cut page of 12 solids (60 solids to cut in all)
- Level 2 also as an ink-saver mat and cut page, plus a real world page and solid words
- Answer key, data sheet, filled example, progress roll-up, helper card, note for home and a binder set

The three levels

- **Level 1, errorless.** Two bins, and a faint outline of the right solid is already printed in each bin. The student matches the solid to its outline. Mat 1A is sphere or cube. Mat 1B is cone or cylinder.
- **Level 2, sort by name.** Six bins with no outline, only the name and a short words cue. Each solid comes in different sizes and colors and some in different views: a tall cone and a wide cone are both cones.
- **Level 3, roll or stack.** Three bins: can roll, can stack, both. A real ball, block and can beside the page help.

Three steps

- 1. Print one mat and its cut page for each student.
- 2. The student cuts out the solids and glues each one in a bin.
- 3. Check with the answer key, mark the data sheet, and move up or back a level when you decide.

The solids sit edge to edge in a grid, so cutting is straight lines only. This is a hands-on sort for the table, not a scored probe: Bright Path Sped sells 3D shape progress-monitoring probes separately for assessment.

PREVIEW

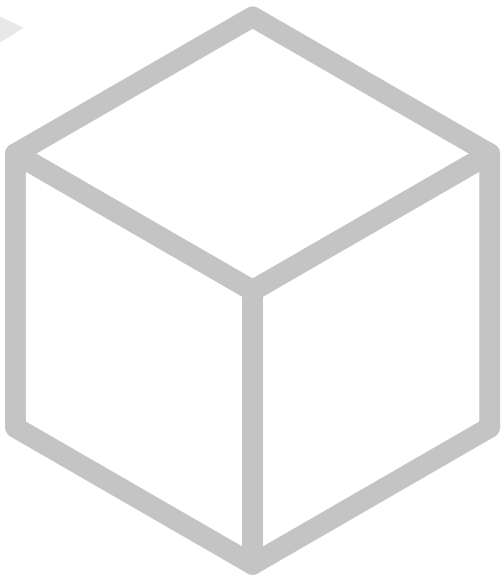
Glue each solid in its bin.

My name _____

SPHERE



CUBE

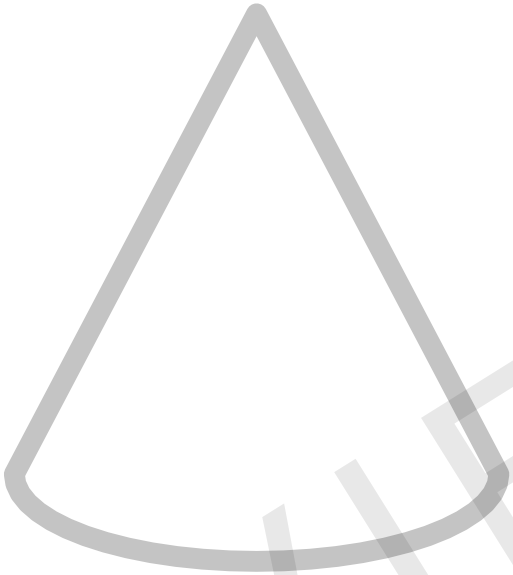


PREVIEW

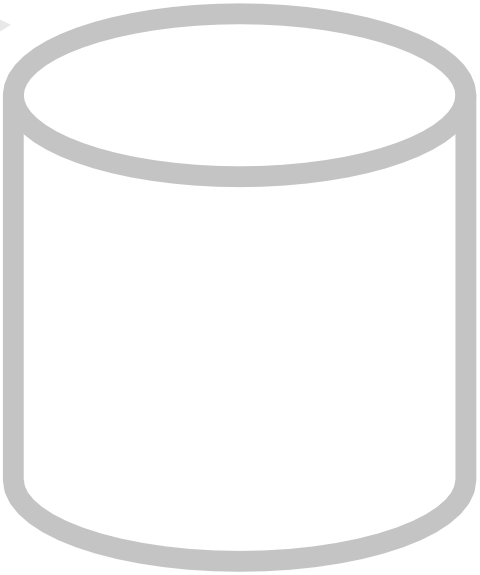
Glue each solid in its bin.

My name _____

CONE



CYLINDER



PREVIEW

Glue each solid in its bin.

My name _____

CUBE
6 square faces

glue here

SPHERE
round all over

glue here

CONE
a point and a flat circle

glue here

CYLINDER
2 flat circles, a curved side

glue here

PYRAMID
a point on top, flat on the bottom

glue here

RECTANGULAR PRISM
6 flat faces, all rectangles

glue here

PREVIEW

Glue each solid in its bin.

My name _____

CAN ROLL

It rolls. It has no flat face to stand on.

glue here

CAN STACK

It has flat faces. It stacks.

glue here

BOTH

It rolls and it stacks.

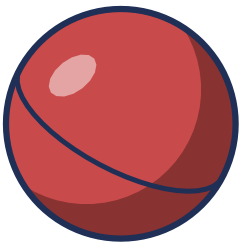
glue here

PREVIEW

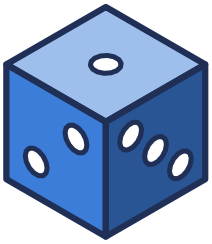
Name the solid. Write the word.

My name _____

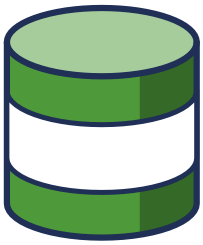
cube sphere cone cylinder rectangular prism



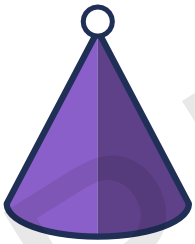
ball It is a _____



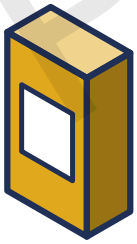
die It is a _____



can It is a _____



party hat It is a _____



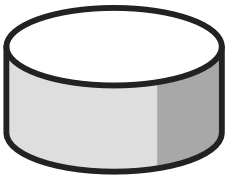
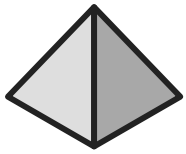
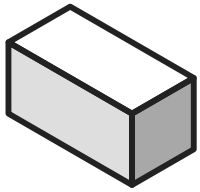
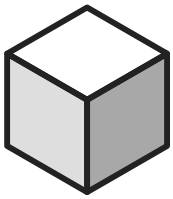
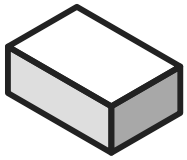
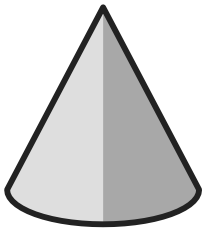
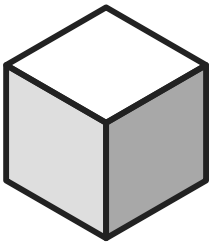
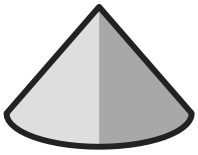
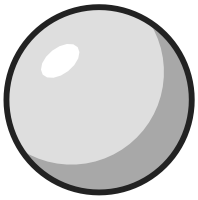
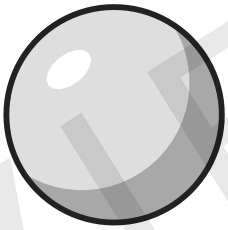
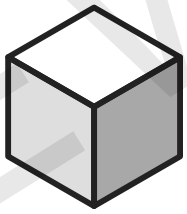
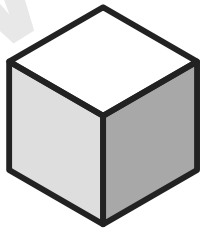
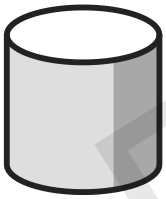
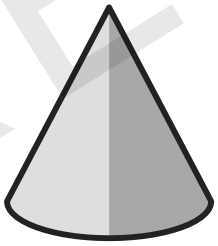
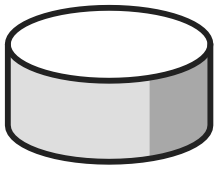
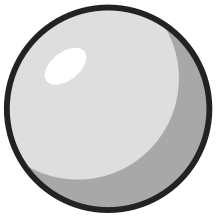
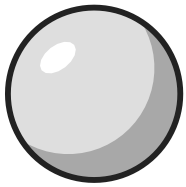
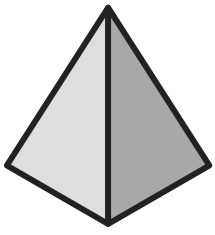
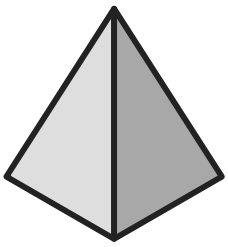
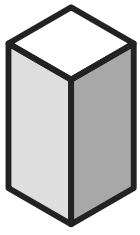
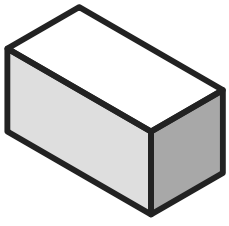
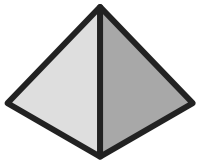
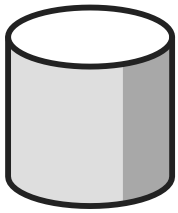
cereal box It is a _____

Draw a solid you can find in the room.

PREVIEW

Cut out each solid.

My name _____

1 	2 	3 	4 	5 	6 
7 	8 	9 	10 	11 	12 
13 	14 	15 	16 	17 	18 
19 	20 	21 	22 	23 	24 

PREVIEW

Preview : Bright Path Sped

Data Sheet

Student: _____ Goal:

_____

Date	Level	Correct	Out of	Notes

PREVIEW

Levels 1A, 1B and 3 have 12 solids; Level 2 has 24. Move up when the student is ready, and back when the task is too hard. Write your own rule here: _____

Preview : Bright Path Sped

Progress Roll-Up

Student: _____ Dates: _____ to _____

After each session, color one column up to the number correct. Write the level under the column.

24										
23										
22										
21										
20										
19										
18										
17										
16										
15										
14										
13										
12										
11										
10										
9										
8										
7										
6										
5										
4										
3										
2										
1										

Summary for the team

	First score	Best score
Level 1A	_____ / 12	_____ / 12
Level 1B	_____ / 12	_____ / 12
Level 2	_____ / 24	_____ / 24
Level 3	_____ / 12	_____ / 12

What I noticed: _____

Next step, in my own words: _____

Next check date: _____ Shared with: _____

PREVIEW

Preview - Bright Path Sped

Solids at Home

Dear family, today we practiced telling 3D solids apart: cube, sphere, cone, cylinder, pyramid and rectangular prism. Here are easy ways to practice at home.

Try this

- Find a sphere (a ball or an orange), a cylinder (a can) and a rectangular prism (a cereal box or a book).
- Roll a ball, a can and a block across the floor. Which ones roll? Which ones only slide?
- Stack cans, boxes and blocks. Which ones stack well?
- On a walk, point out a cone (a traffic cone) and a cube (a gift box) and name them.

Words we used

solid, cube, sphere, cone, cylinder, pyramid, rectangular prism, face, edge, corner, roll, stack

A note from school

_____

_____

Teacher: _____ Date: _____

PREVIEW

Preview · Bright Path Sped

Teacher prep: cut. Slide into the binder spine.

3D Shapes

Level 1A

Level 1B

Level 2

Level 3

My Own

PREVIEW

What's Next

Keep going with solids

- Mix the Level 1A and Level 1B cut solids into one pile and sort them on the Level 2 mat.
- Sort the same cut solids a second way: by color, or by big and small.
- Glue the cut solids onto a blank page and build a robot or a town out of them.
- Go on a solid hunt in the room: find one of each and tell a partner.

More from Bright Path Sped

This task box is a hands-on sort. If you need scored, repeatable 3D shape assessment, Bright Path Sped has separate 3D shape progress-monitoring probes on TPT.

New products are added regularly. Follow Bright Path Sped on TPT to see them first.

If this task box helped, a short review helps other teachers find it. Questions are always welcome on the product page.

PREVIEW