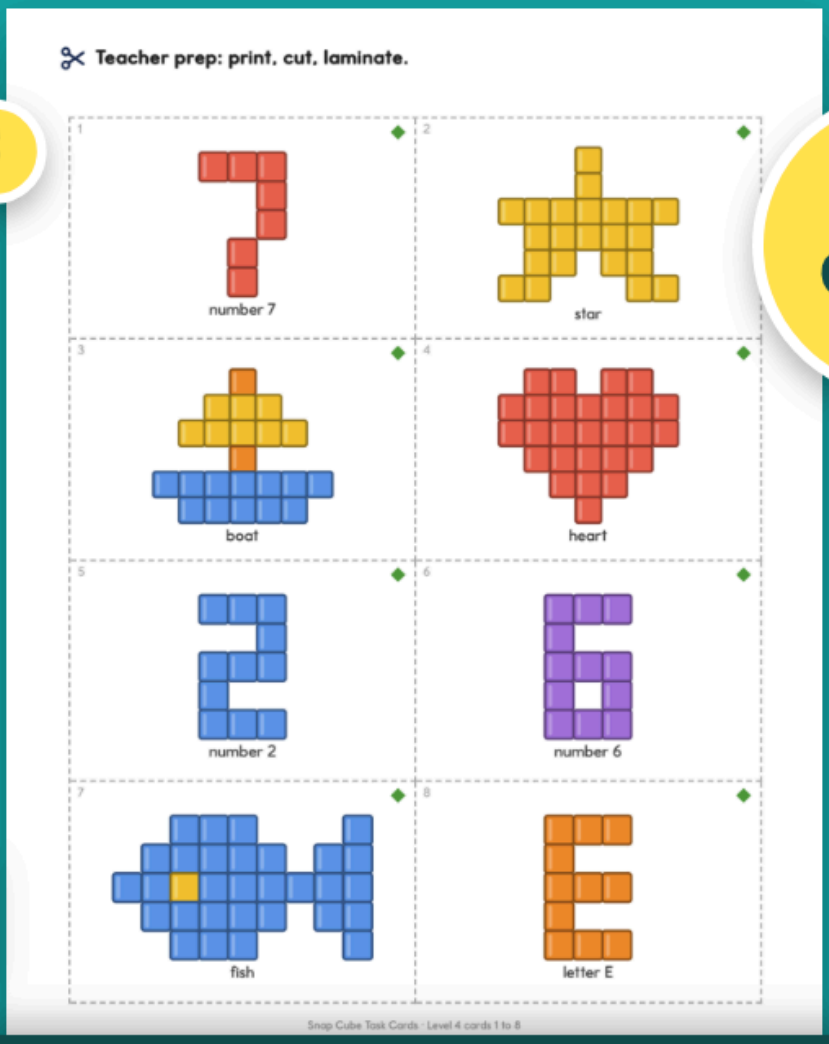
Bright Path Sped

4 LEVELS

104 CARDS



SNAP CUBE TASK CARDS

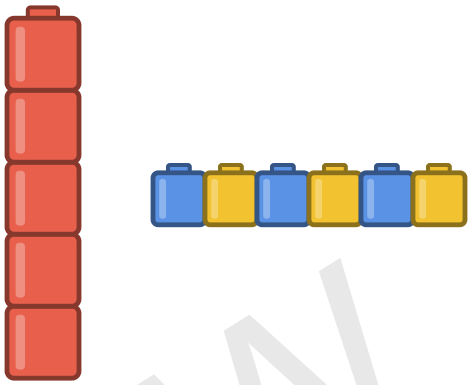
Towers, Patterns, Arrays, Pictures

Preview · Bright Path Sped

Snap Cube Task Cards

A build-it task box in 4 levels. Start here.

What's inside



- 104 task cards: 24 on each of 4 levels, 8 to a page, plus 8 first, next, then picture cards (page 26), cut apart on straight lines
- 20 number tiles (1 to 5, 6 to 10, 11 to 20) and 8 box labels
- A cube mat and a recording page for each level
- An answer key, a data sheet, a filled example, a roll-up chart, a helper card and a note for home
- A binder cover, spines and divider tabs

The four levels

- **Level 1, circle.** Build a one-color tower of 1 to 5 cubes. The card shows the tower. Then find the number tile.
- **Level 2, square.** Copy a two-color pattern, 6 to 10 cubes in a row. Then find the number tile.
- **Level 3, triangle.** Build an array: a rectangle of rows and columns, 12 to 20 cubes. Count them, then find the number tile.
- **Level 4, diamond.** Build the picture: a flat picture of cubes, a numeral, a letter, a heart, a house, a turtle and more, up to 31 cubes. Count them and write the number on the recording page.

Three steps

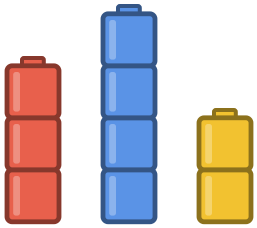
- Print and cut the card pages (pages 6 to 8, 11 to 13, 16 to 18 and 21 to 23), the number tiles (page 5) and the labels (page 4). Laminate if you like. The shape in the corner of each card is its level.
- The student takes a card, builds it with real snap cubes on the cube mat, counts, and puts the matching number tile in the box. Then the student fills in the recording page.
- Check with the answer key (page 28) and write the round on the data sheet (page 29).

Snap cubes are not included. You need a set of your own; page 3 says how many. This is a print-and-cut file, not a slideshow or word-processor file. The level is written in the small gray line at the foot of each page, not on the student's work.

PREVIEW

Preview · Bright Path Sped

Teacher prep: print, cut, stick on the box and bags.



Snap Cube Task Cards

Level 1 cards

Level 2 cards

Level 3 cards

Level 4 cards

Number tiles

Mats and sheets

Snap cubes

PREVIEW

Preview · Bright Path Sped

Teacher prep: print, cut, laminate.

1



2



3



4



5



6



7



8



PREVIEW

Preview · Bright Path Sped

Teacher prep: print, cut, laminate.

17



18



19



20



21



22



23



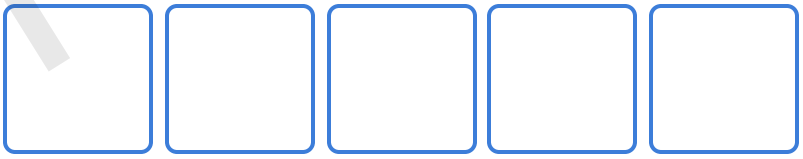
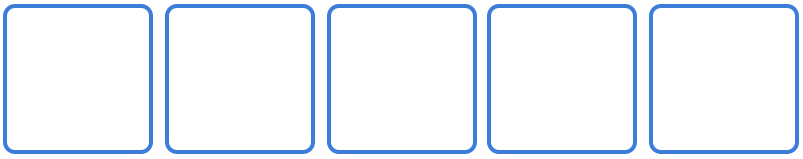
24



PREVIEW

Color the cubes. Write how many.

My name _____

1		How many?	
2		How many?	
3		How many?	
4		How many?	
5		How many?	
6		How many?	
7		How many?	
8		How many?	

PREVIEW

Preview · Bright Path Sped

Teacher prep: print, cut, laminate.

9



10



11



12



13



14



15



16



PREVIEW

Copy the pattern. Color it.

My name _____

Build it here

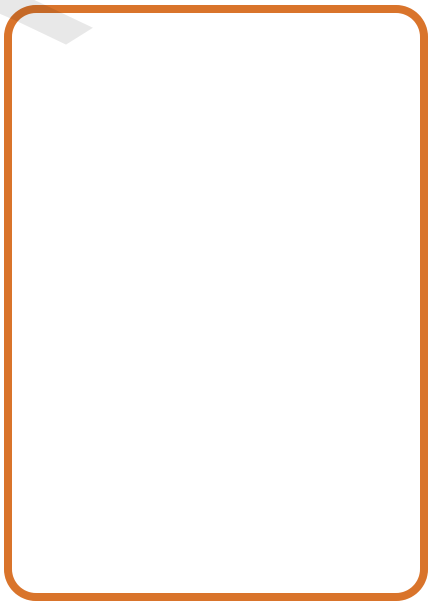
1	2	3	4	5	6	7	8	9	10

Color it here

1	2	3	4	5	6	7	8	9	10

PREVIEW

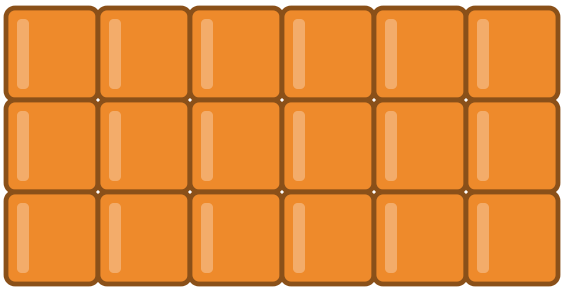
Number tile



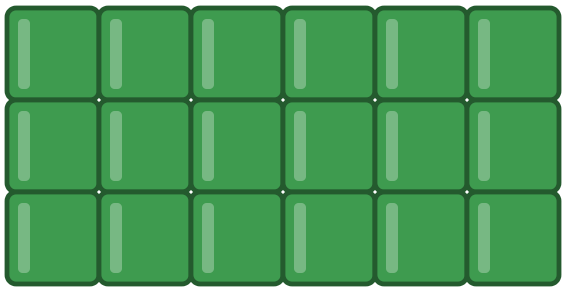
Snap your cubes on the first row. Count them. Put the tile in the box.

Teacher prep: print, cut, laminate.

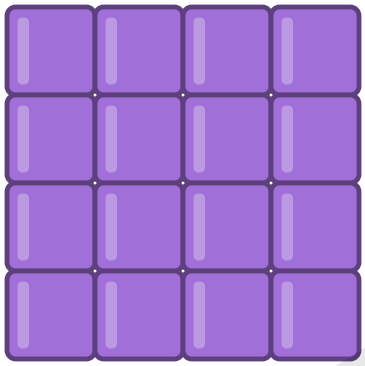
1



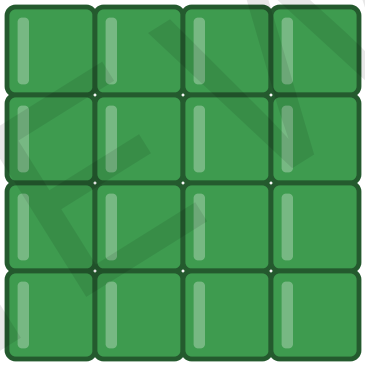
2



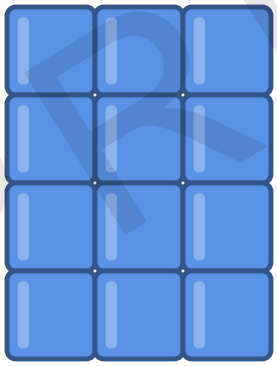
3



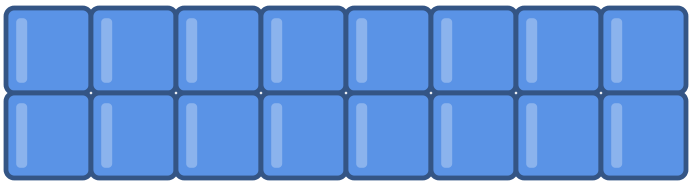
4



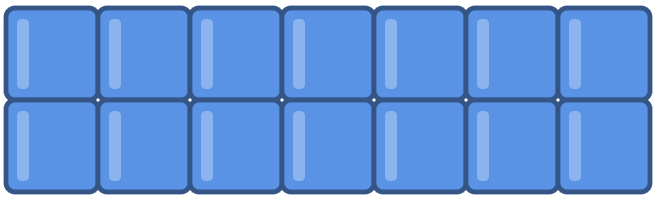
5



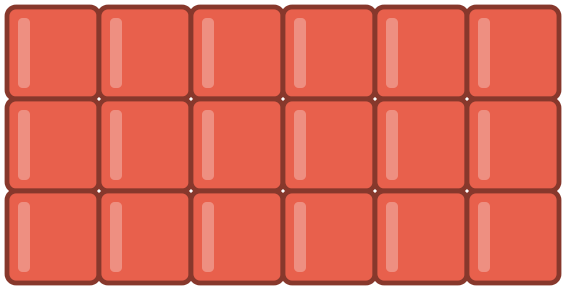
6



7



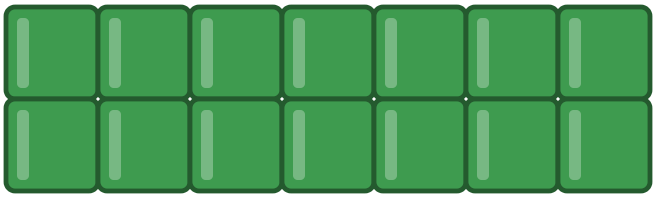
8



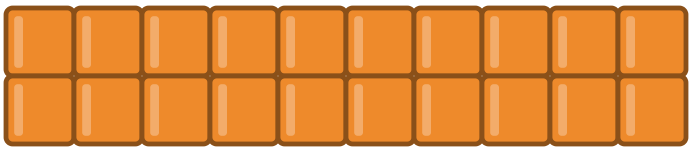
PREVIEW

Teacher prep: print, cut, laminate.

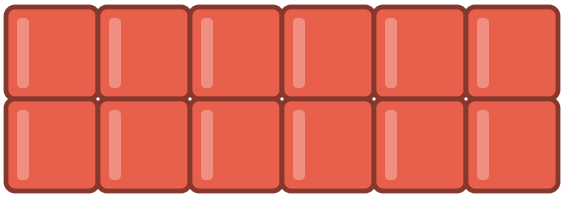
17



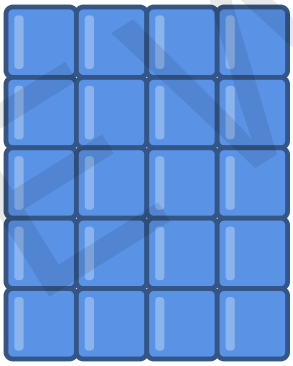
18



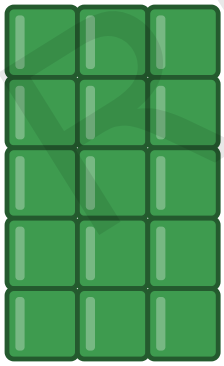
19



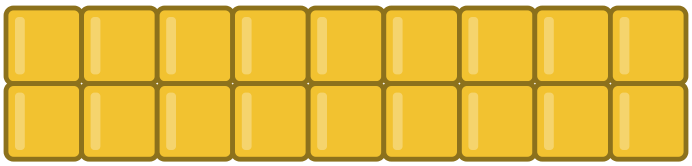
20



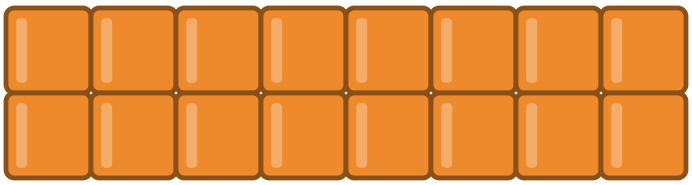
21



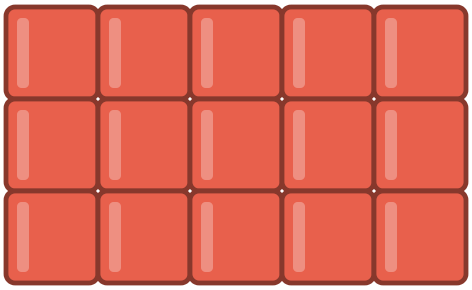
22



23



24



PREVIEW

Draw your cubes. Write how many.

My name _____

1



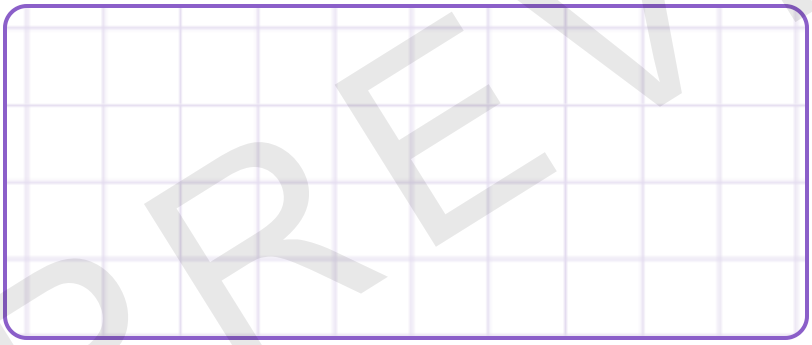
How many? ☐

2



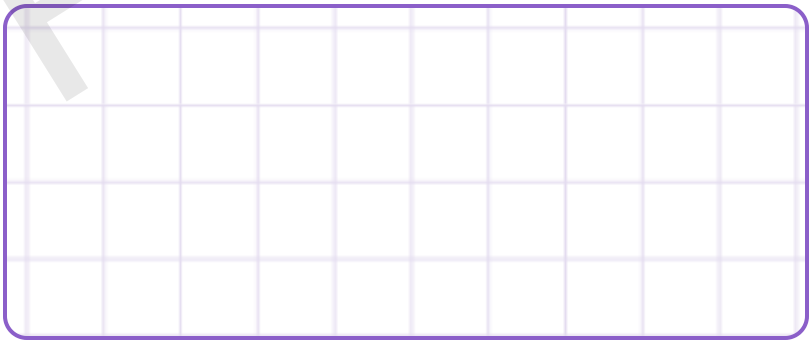
How many? ☐

3



How many? ☐

4

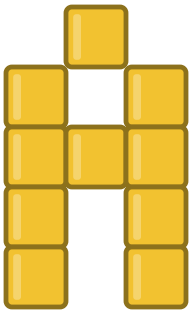


How many? ☐

PREVIEW

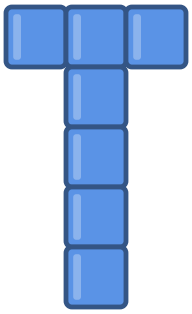
Teacher prep: print, cut, laminate.

9



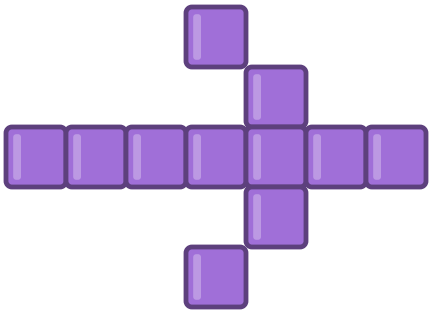
letter A

10



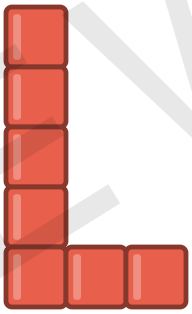
letter T

11



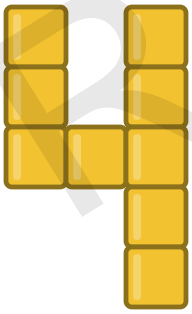
arrow

12



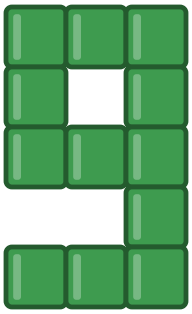
letter L

13



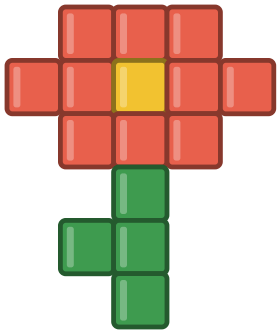
number 4

14



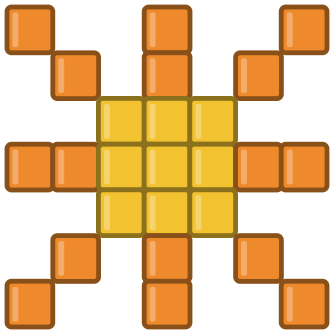
number 9

15



flower

16

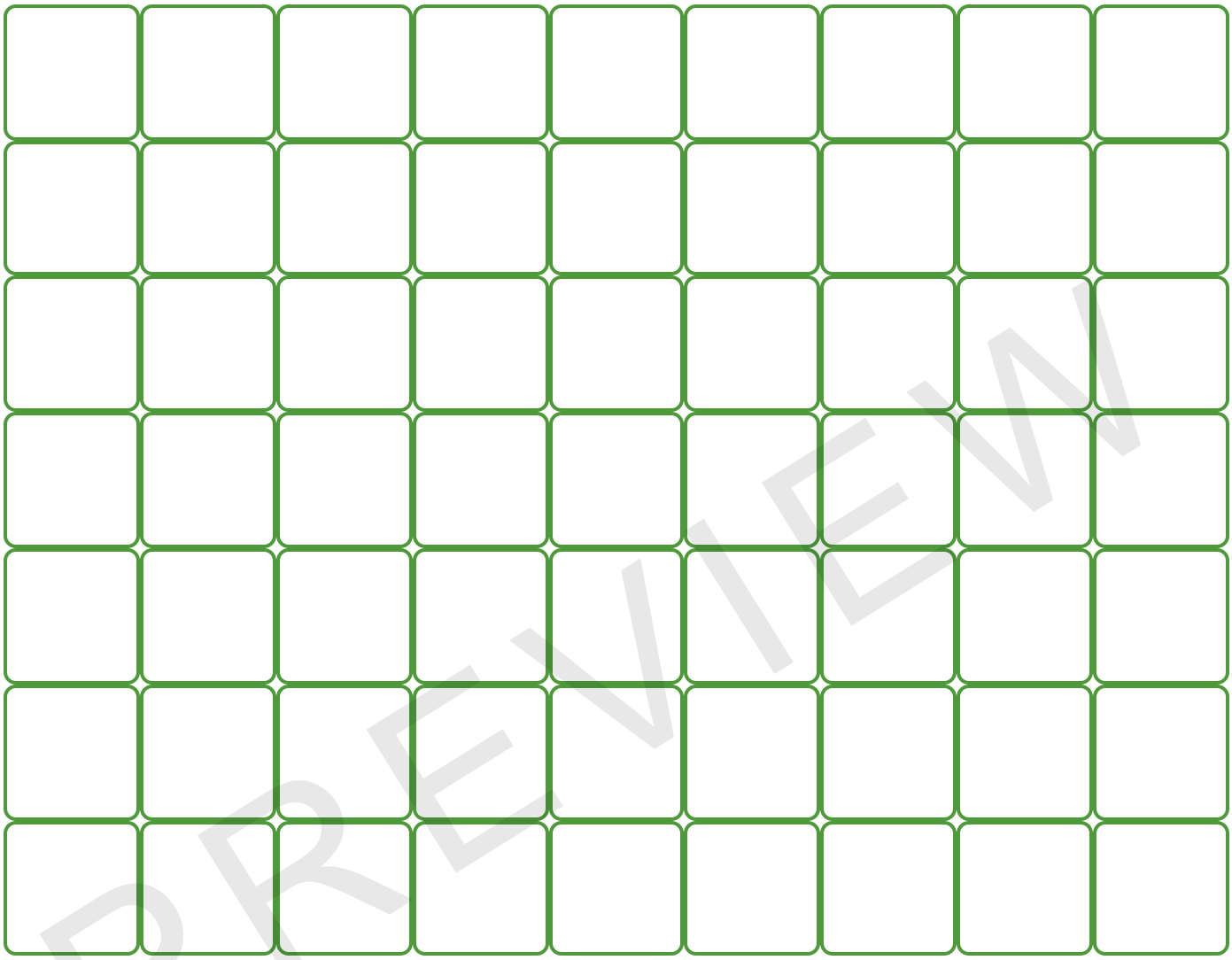


sun

PREVIEW

Build the picture. Count the cubes.

My name _____



1. Look at the card. What is the picture?
2. Snap one cube on each square.
3. Count your cubes.

I used _____ cubes.

PREVIEW

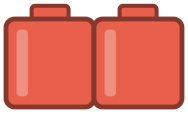
Build first, next, then.

1

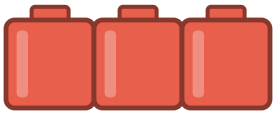
First



Next



Then



2

First



Next



Then



3

First



Next



Then



4

First



Next



Then



5

First



Next



Then



6

First



Next

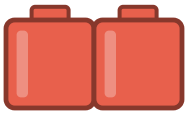


Then

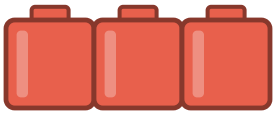


7

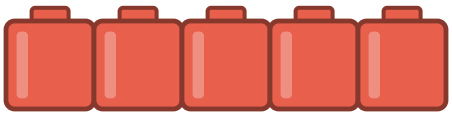
First



Next



Then



8

First



Next



Then



PREVIEW

Preview · Bright Path Sped

Answer Key

Card number, then the answer. Level 1: how many cubes, then the color. Level 2: the pattern (A is the first color), then how many cubes. Level 3: rows by columns, then how many cubes in all. Level 4: the picture, then how many cubes. On Levels 1 to 3 the number tile is always the total. Gray bars end each page of 8. First, next, then cards (page 26): build the three rows in order, short to longer; the last row (Then) is the answer.

Level 1

Card	Answer
1	4 red
2	3 blue
3	1 yellow
4	3 purple
5	2 green
6	3 green
7	1 orange
8	3 red
9	5 green
10	4 purple
11	4 green
12	5 yellow
13	2 purple
14	1 purple
15	2 yellow
16	2 orange
17	1 blue
18	4 orange
19	5 blue
20	2 blue
21	1 red
22	3 yellow
23	5 purple
24	4 blue

Level 2

Card	Answer
1	AB · 8
2	AABB · 8
3	AAAB · 8
4	AAB · 6
5	AABBB · 10
6	AAAB · 8
7	AB · 6
8	ABBB · 8
9	AAB · 9
10	AABB · 8
11	AB · 8
12	AB · 10
13	AB · 6
14	AAABB · 10
15	AABBB · 10
16	AAB · 6
17	ABB · 6
18	ABB · 9
19	ABB · 9
20	AAB · 9
21	AAABB · 10
22	ABBB · 8
23	ABB · 6
24	AB · 10

Level 3

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

Level 4

Card	Answer
1	No. 7 · 7
2	star · 22
3	boat · 22
4	heart · 27
5	No. 2 · 11
6	No. 6 · 12
7	fish · 31
8	Letter E · 11
9	Letter A · 10
10	Letter T · 7
11	arrow · 11
12	Letter L · 7
13	No. 4 · 9
14	No. 9 · 12
15	flower · 15
16	sun · 25
17	No. 1 · 8
18	No. 3 · 11
19	house · 24
20	Letter H · 11
21	No. 5 · 11
22	turtle · 29
23	tree · 19
24	No. 8 · 13

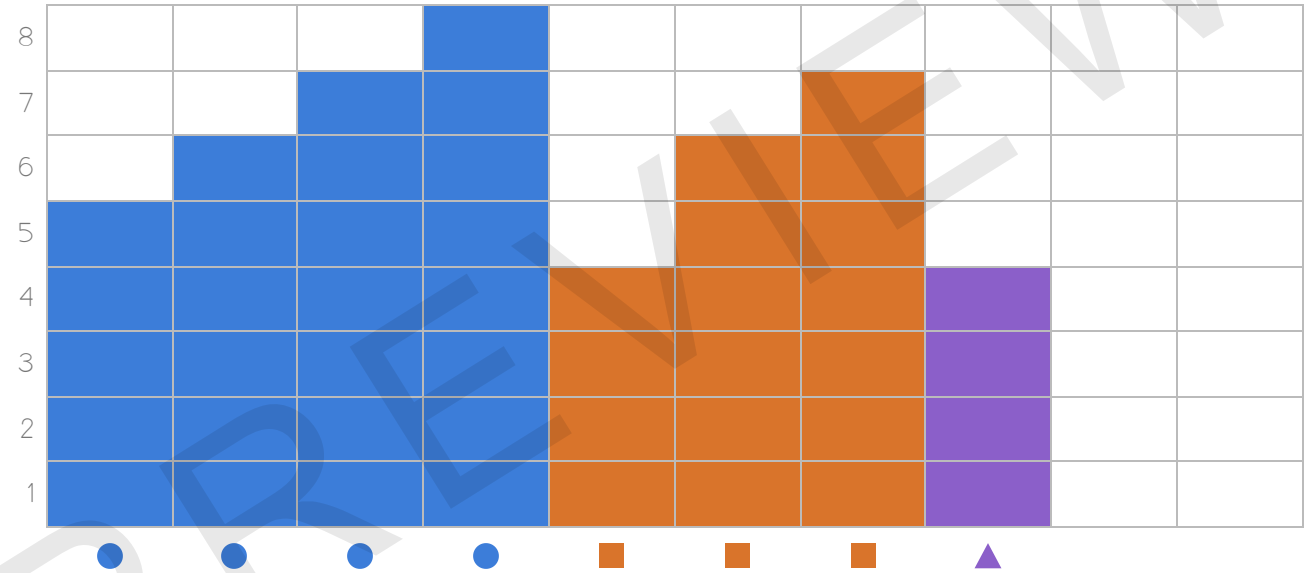
PREVIEW

Filled Example

Invented example. Sam is not a real student; these numbers are made up.

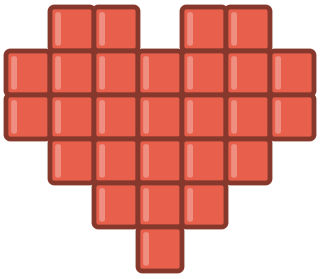
Date	Level	Cards	Built right	Tile right	Help given
Wk 1 Mon	1	set 1	5 of 8	5 of 8	counted out loud, moved the card closer
Wk 1 Thu	1	set 1	6 of 8	7 of 8	counted the picture first
Wk 2 Mon	1	set 2	7 of 8	7 of 8	none
Wk 2 Thu	1	set 3	8 of 8	8 of 8	none
Wk 3 Mon	2	set 1	4 of 8	5 of 8	pointed to each cube in the row
Wk 3 Thu	2	set 1	6 of 8	6 of 8	said the colors out loud
Wk 4 Mon	2	set 2	7 of 8	8 of 8	fixed one cube without being asked
Wk 4 Thu	3	set 1	4 of 8	5 of 8	built the ten row first

The same rounds on the roll-up chart



Each column is one round. The shape under it is the level. A filled square is one card built right.

- Level 1: first round 5 of 8, best round 8 of 8
- Level 2: first round 4 of 8, best round 7 of 8
- Level 3: first round 4 of 8, best round 4 of 8



Check your build: a Level 4 card, worked.

1. Sam looks at the card: a heart.
2. Sam snaps one cube on each red square.
3. Sam counts: 27 cubes. Sam writes 27 on the mat.
4. The teacher checks the key: heart, 27.

PREVIEW

Preview : Bright Path Sped

Helper Card

For a paraprofessional, a sub or a volunteer running this task box

Before you start

- The student has a cube mat for the level, the cards for that level, number tiles, snap cubes and a recording page.
- The level is the shape in the corner of the card: circle, square or triangle. Use the level the teacher wrote below.
- The answer key is on page 28. Keep it out of the student's sight.

Run a round

- Hand over 8 cards, one at a time.
- Say: "Look at the card. Build it." Wait before you help.
- Say: "Count your cubes." Then: "Find the number tile."
- When all 8 are done, check with the key. Point to any that are off and let the student fix them.
- Write the round on the data sheet: date, level, cards, how many right.

Write in

Level and cards for today

Words to use if the student is stuck (the teacher fills this in)

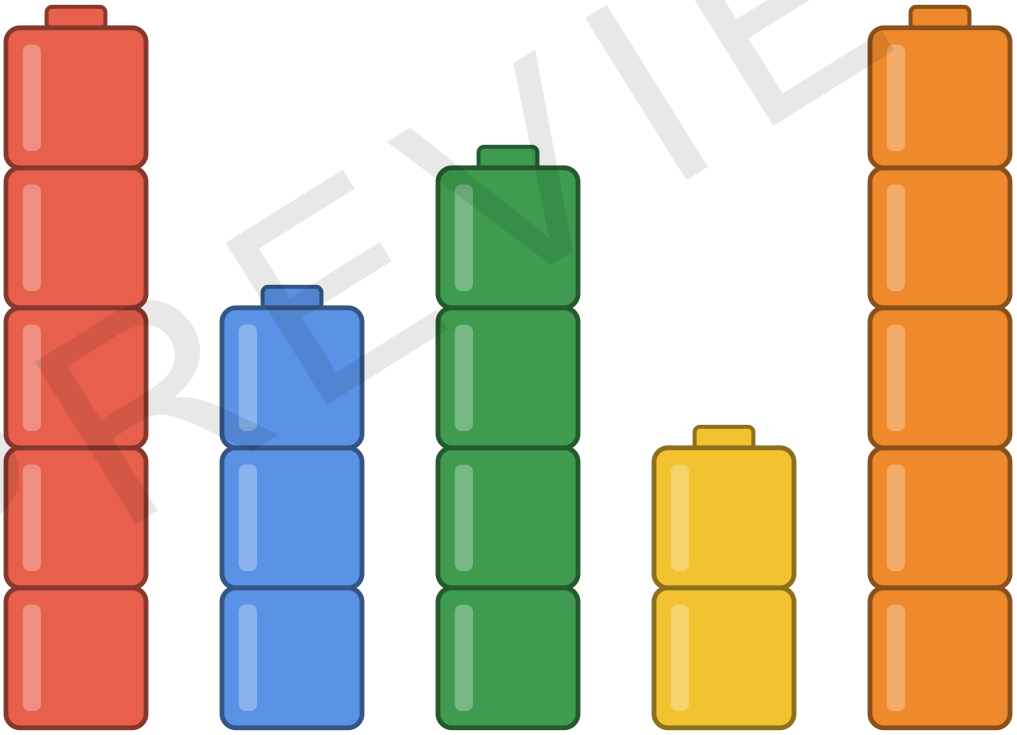
If something is not working, tell:

PREVIEW

Preview · Bright Path Sped

Teacher prep: slide into the binder cover.

Snap Cube Task Cards



PREVIEW

Name _____ Room _____ Year _____

Preview · Bright Path Sped

Teacher prep: cut out the divider tabs.

Start Here	Level 1	Level 2
Level 3	Level 4	Number tiles
Answer key	Data	Roll-up
Helper card	Home note	My own tab _____

PREVIEW