

Between Grades 1 and 2

SUMMIEIR



Math Catch-up

Week 1

Breeze
through to
Grade 2



www.mathseeds.com

Welcome!

This summer catch up program provides a great way to help your child make the successful transition into 2nd Grade. Using fun-filled online learning activities, combined with carefully selected printed activity sheets, this program will boost your child's math skills.

Bridging the gap is simple with **Mathseeds** and can be done in just half an hour a day. So, let's maximize the summer and get started today!

The outline for each week will tell you the online lessons and worksheets to be completed each day, as well as additional **Mental Minute** and **Driving Test** quizzes.



Login

Login in with your parent email and password. If you are unable to remember either of these, please select the *I've forgotten my password or login button* and follow the steps.

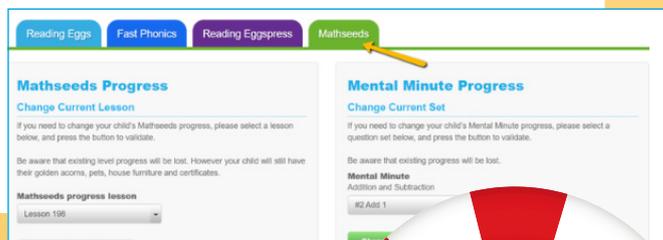


To help you navigate through the site we have listed a few steps below. For more information on the program please see our *Parent User Guide*. This can be found on the Family Dashboard in Bonus Material.



Select the program that you wish to adjust your progress for, then use the dropdown menus to adjust.

If your child is not working at the correct level you can adjust it by clicking here.



The **Mental Minute** section is on the student navigation page. There are two sections, the + and - section, and the x and ÷ section. If you need to adjust the progress of the **Mental Minute** sprints you can do so in *Redo placement test or adjust level* as shown above.

Your child is now ready to begin!



Driving Tests can also be found on the Student Navigation screen. Choose the suggested grade level and math topic to work in.





Let's start Week 1

The team behind Mathseeds have created this Summer School program that is guaranteed to boost your child's mathematics skills.

This booklet is the first of ten weekly booklets you will receive over the summer. This summer catch up program provides a great way to make sure that your child knows the essentials they need to make a successful transition into Grade 2.

Over the next 10 weeks, your child will have the opportunity to engage in fun-filled, online learning activities. These activities will allow your child to revisit, consolidate, and build crucial Grade 1 math concepts. In addition, each weekly packet contains a set of carefully selected activity sheets to really boost your child's math skills, getting them ready and excited for Grade 2!

Bridging the gap and avoiding the summer slump is simple with **Mathseeds**, and can be done in just half an hour a day. We recommend you follow these simple steps to keep your child learning through the summer whilst still having fun.

- 1 Print the student pages for the week. Ensure your child has pencils and erasers to complete the worksheets.
- 2 To reset your child's Lesson number to **59** go to the *Family Dashboard*.

 - ➡ Click on the **Adjust level** link.
 - ➡ Choose the **Mathseeds** tab and set the **Change Current Lesson** to **Lesson 59**.
 - ➡ Click on **Change Current Lesson** to place your child correctly.

- 3 Encourage your child to complete the online lesson for the day and then follow up with the worksheets from this booklet.
- 4 Once each day's work is done, complete the incentive chart.
- 5 At the end of the week, fill in the certificate. Add stickers if you have them.
- 6 Enjoy the learning. Keep it light and fun.

We know your child will enjoy learning on **Mathseeds** because **Mathseeds** makes learning fun – and that's what summer is all about!



Get Ready for Grade 2

Week 1

Day 1 focus: Area

Online lesson: Lesson 59 – Area

Worksheets: Compare Areas, Area in Squares

Day 2 focus: Counting 20–20

Online lesson: Lesson 60 – Counting 20–30

Worksheets: Match and Count, Compare and Order

Day 3 focus: Halves

Online lesson: Lesson 61 – Wholes and Halves

Worksheets: Wholes and Halves, Make Halves

Day 4 focus: 3D Objects

Online lesson: Lesson 62 – Sorting 3D Objects

Worksheets: Stack and Roll, Sort 3D Objects

Day 5 focus: Ordinal Numbers

Online lesson: Lesson 63 – Ordinal Numbers

Worksheets: 1st to 10th, Order the Numbers

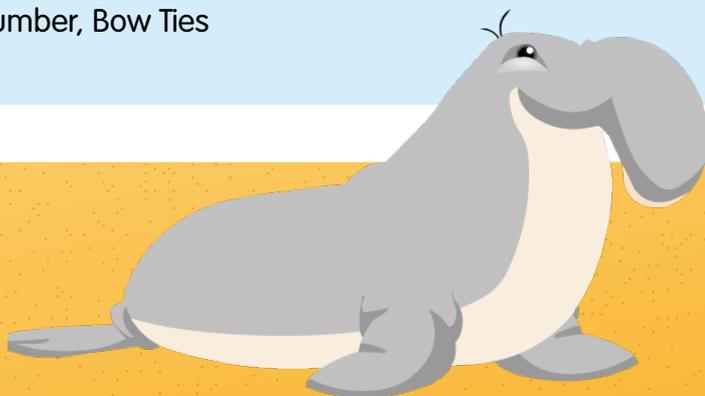
Week 1 Bonus

Poster: Sorting Shapes

Online: Mental Minute + – Badges 83–84, Driving Tests Grade 1 Number 1–3, Driving Tests Grade 1 Patterns and Fractions 1–6, Driving Tests Grade 1 Geometry 1–8

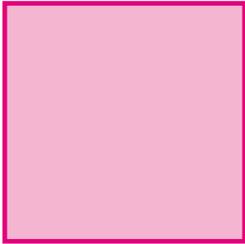
Sheets: 8 Squares, Dizzy's Secret Number, Bow Ties

Game: Area Grab

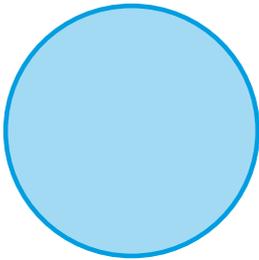


Sorting Shapes

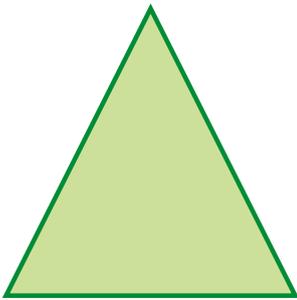
2D • Flat shapes



square



circle

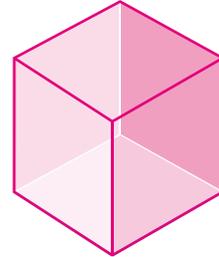


triangle

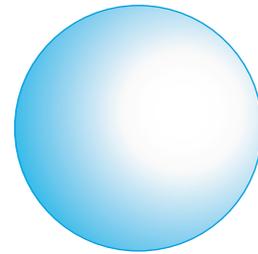


rectangle

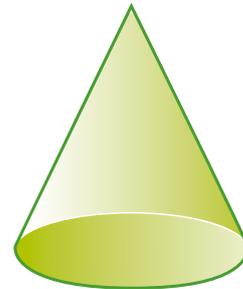
3D • Solid shapes



cube



sphere



cone



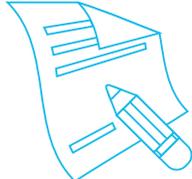
cylinder

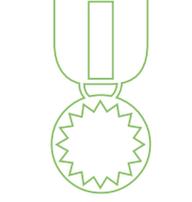
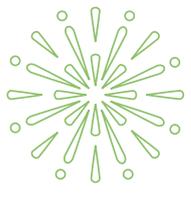
Week 1

Incentive chart for:

Color each one when you have completed each day's work.

Week 1	Monday	Tuesday	Wednesday	Thursday	Friday
Online Lesson					

Worksheets					
------------	--	--	---	--	--

Day Done!					
-----------	---	---	--	---	---

Notes/thoughts/ideas

1 Color.

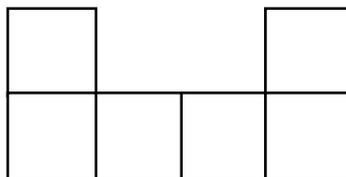
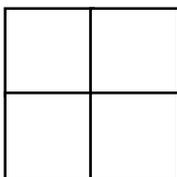
the bigger footprint in each pair



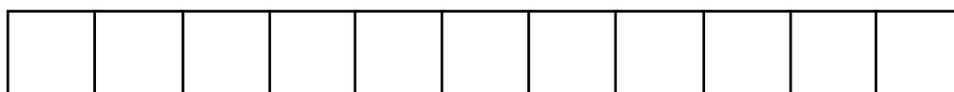
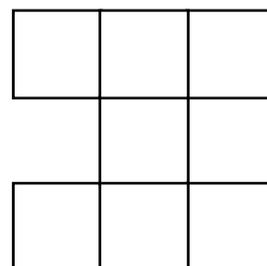
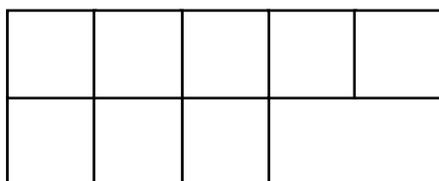
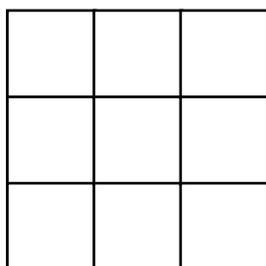
the smaller footprint in each pair



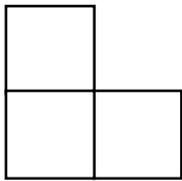
2 Color the shape with the **smallest** area.



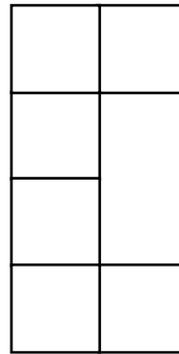
3 Color the shape with the **biggest** area.



1 Count the squares. Write the total number.



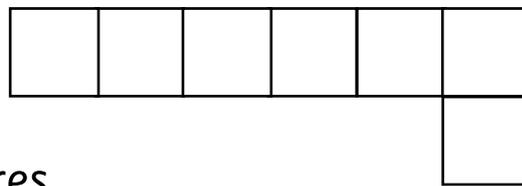
_____ squares



_____ squares



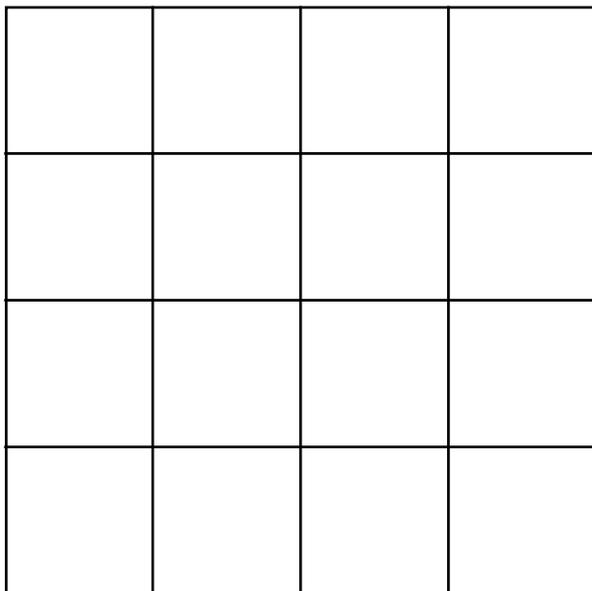
_____ squares



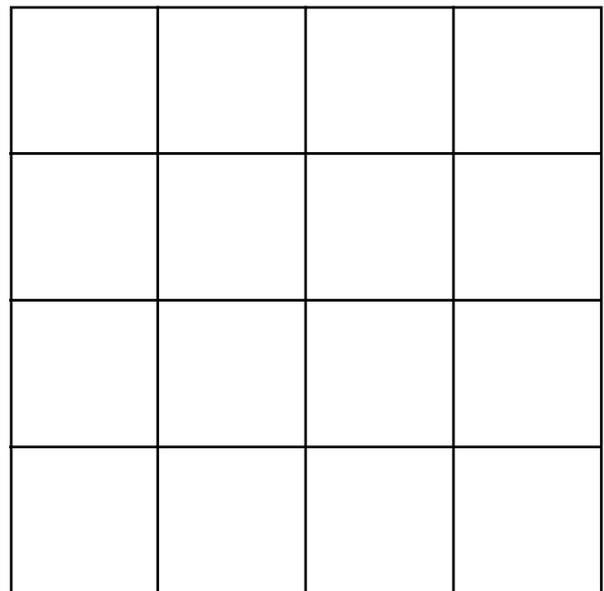
_____ squares

Circle the shape that has the largest area.

2 Draw and color.



a shape that covers
6 squares



a shape that covers
12 squares

1 Match the number words and numerals.

thirty

twenty-five

twenty-nine

twenty

twenty-two

twenty-seven

20

21

22

23

24

25

26

27

28

29

30

twenty-three

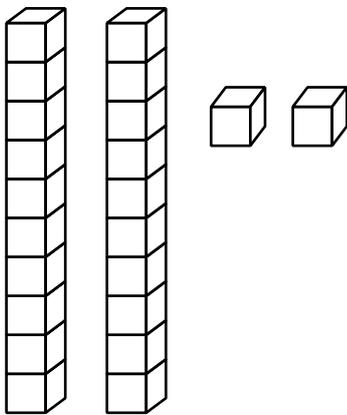
twenty-six

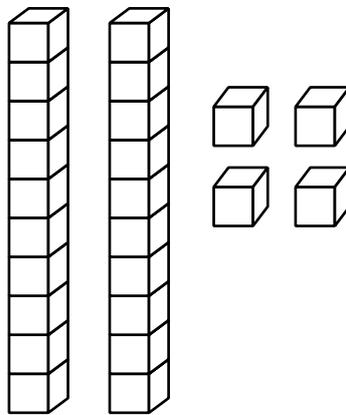
twenty-one

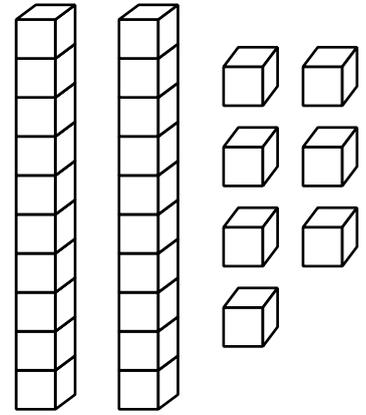
twenty-eight

twenty-four

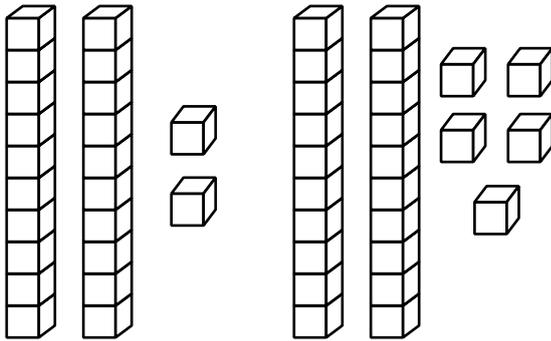
2 Write the number.

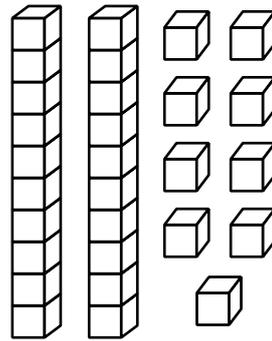


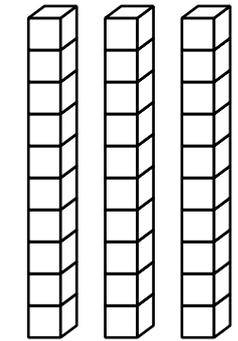


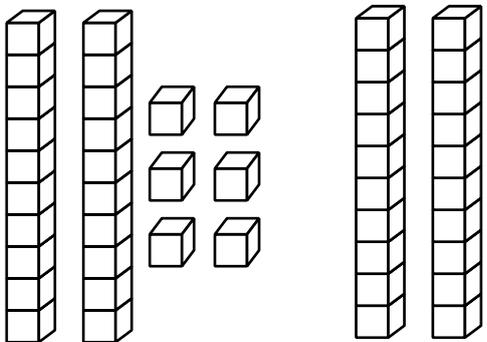


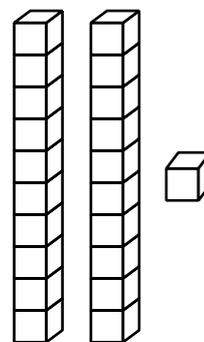
1 Write the numbers. Color the larger number.

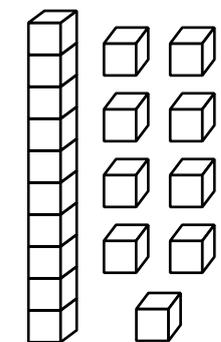












2 Write
one more than

21 _____

29 _____

27 _____

24 _____

one less than

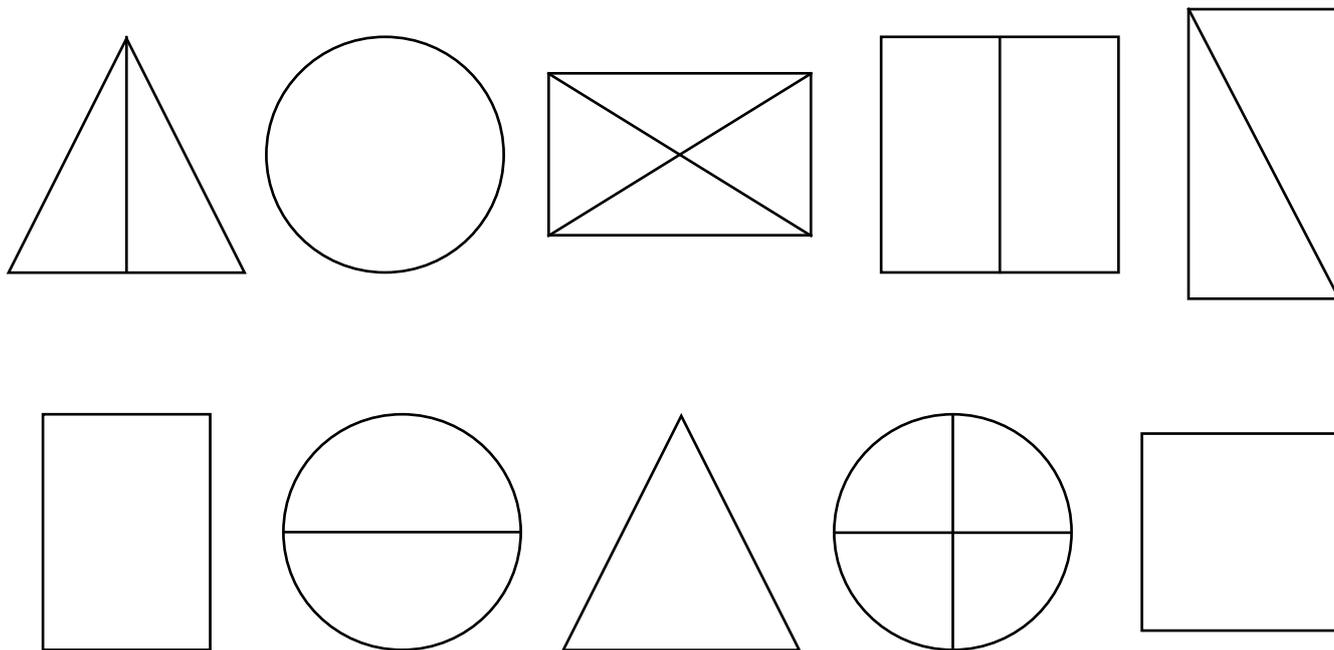
23 _____

26 _____

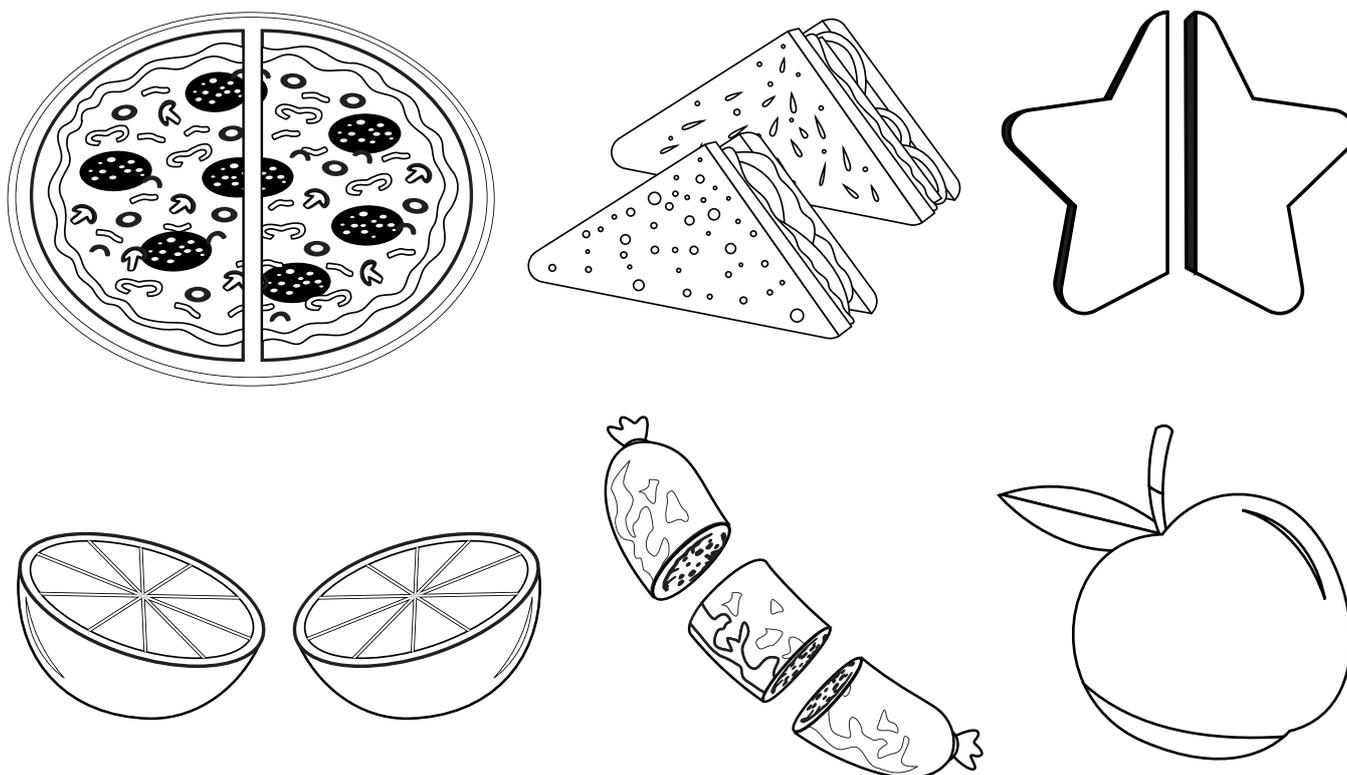
21 _____

28 _____

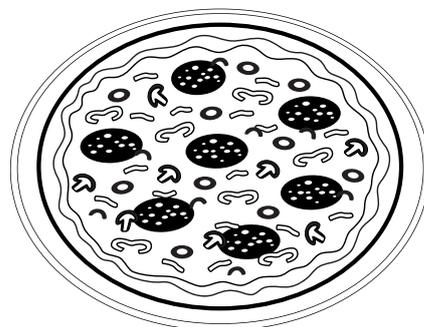
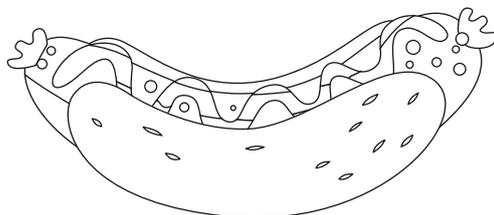
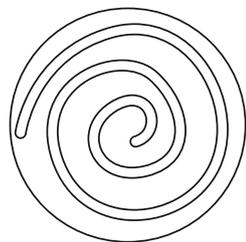
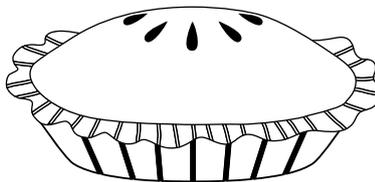
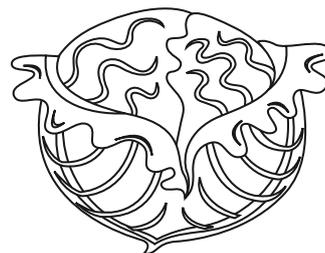
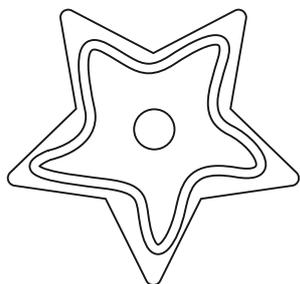
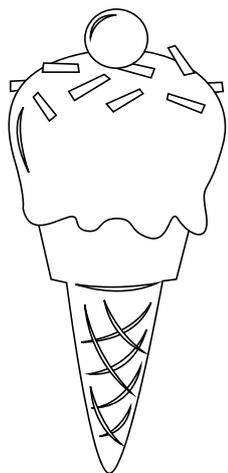
1 Color the halves in red and the wholes in blue.



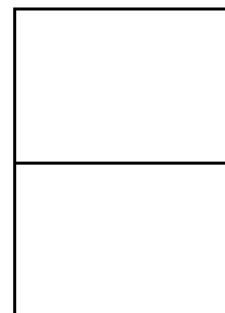
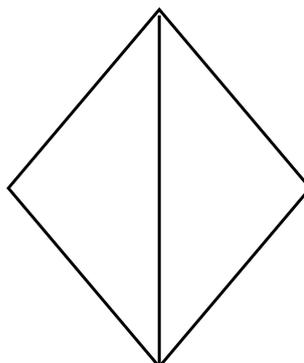
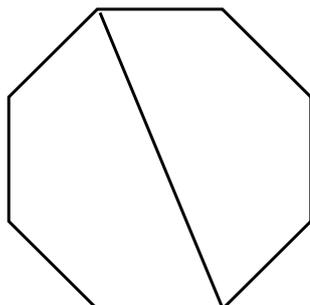
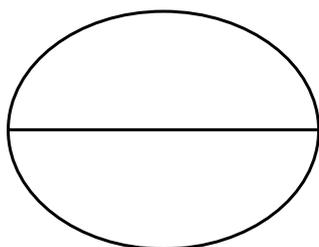
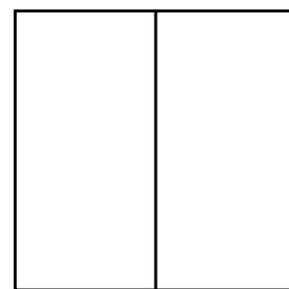
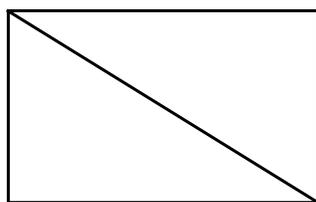
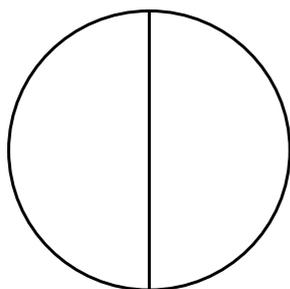
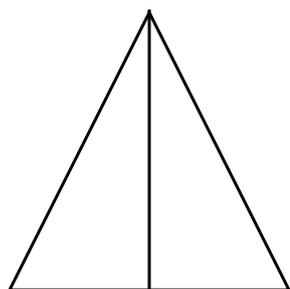
2 Circle the things cut into halves.



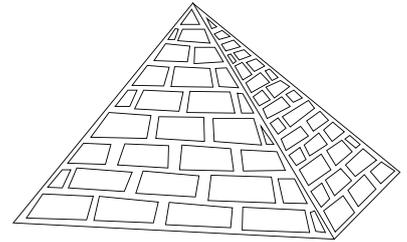
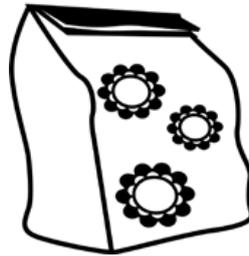
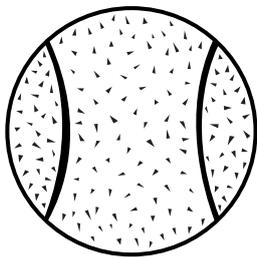
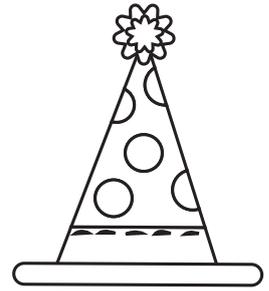
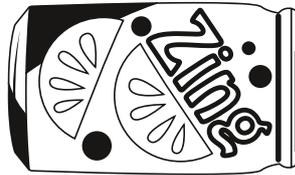
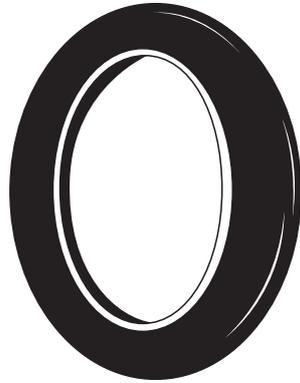
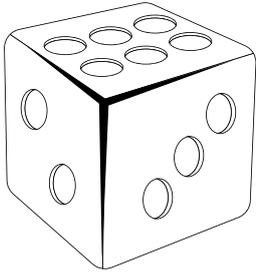
1 Draw a line to cut these foods in half.



2 Color half of each shape.



1 Circle the objects that roll when pushed.



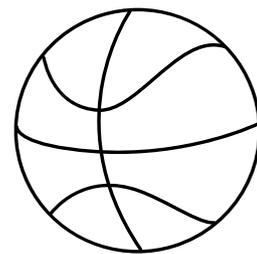
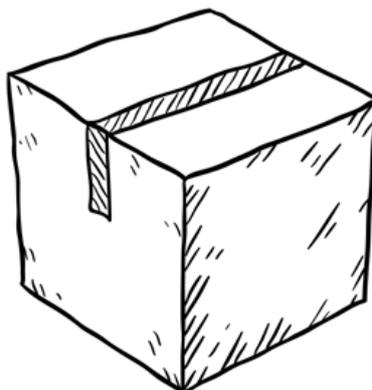
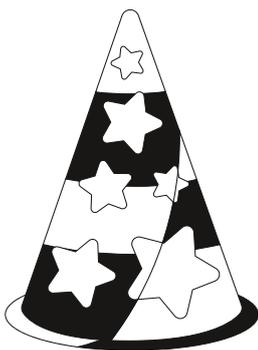
2 Finish each sentence.

can cannot roll stack

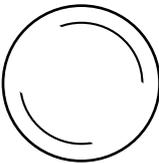
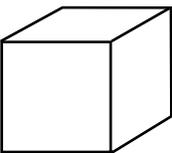
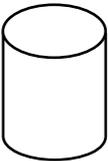
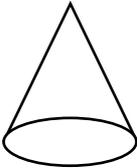
Objects with flat faces can _____.

Objects with curved surfaces can _____.

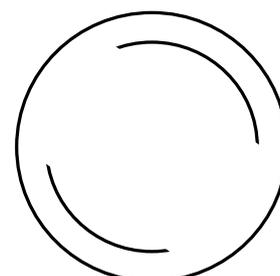
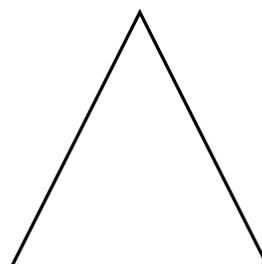
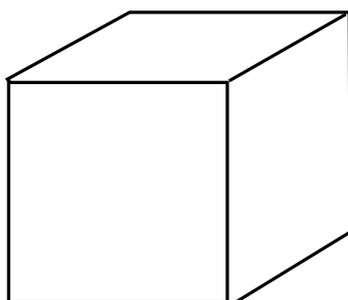
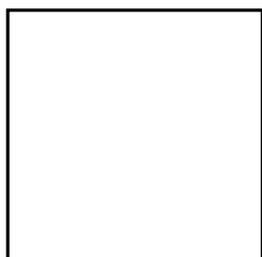
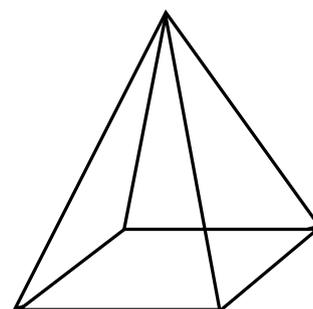
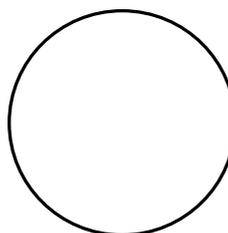
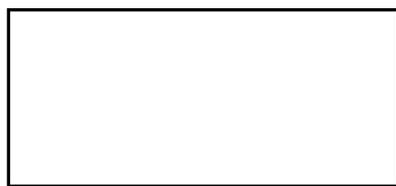
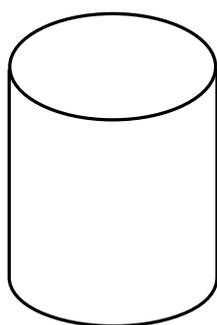
Objects with a point on top _____ stack.



1 Complete the table. ✓ for yes ✗ for no.

	can roll	can slide	can stack
			
			
			
			

2 Color the 3D objects.



1 Match each word to its number.

first

second

third

fourth

fifth

3rd

4th

1st

5th

2nd

8th

6th

10th

7th

9th

sixth

seventh

eighth

ninth

tenth

2 Complete the prize ribbons.

1

1st

2

3

4

5

6

7

8

9

10

1 Color.

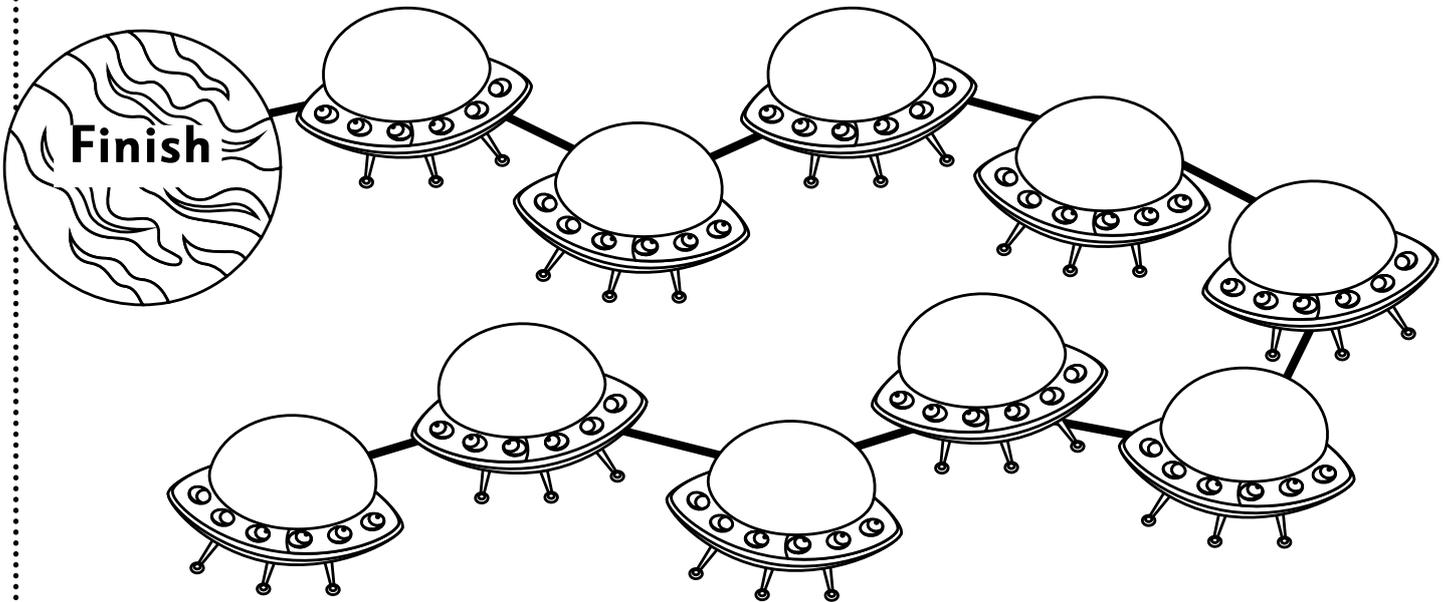
3rd and 6th green

1st and 10th yellow

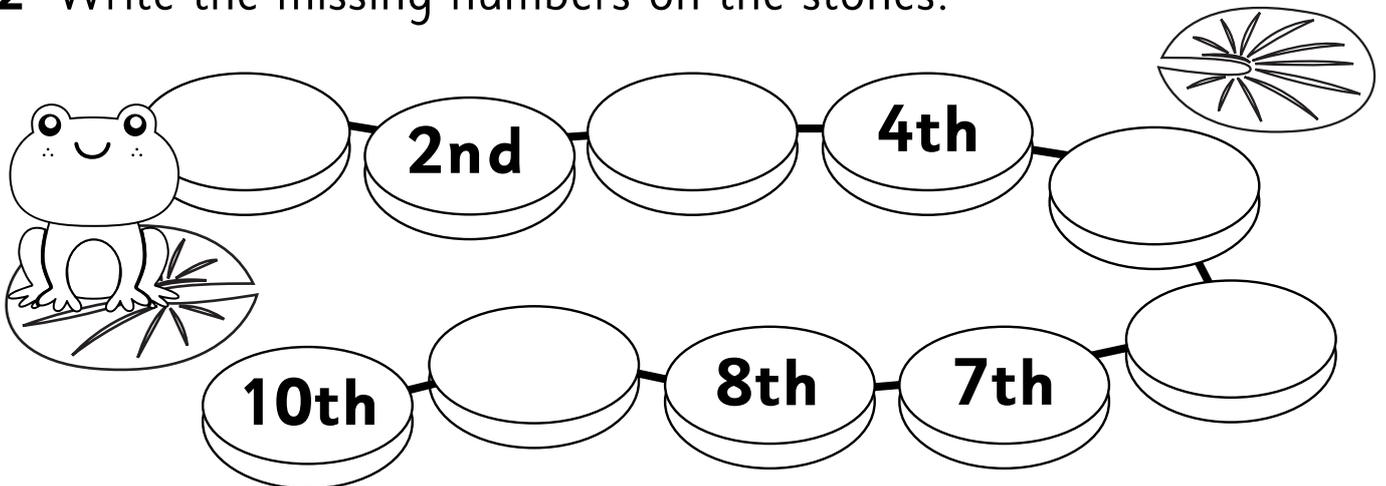
5th and 7th red

2nd and 9th blue

4th and 8th orange



2 Write the missing numbers on the stones.



3 Write the ordinal number words in order from 1st to 5th.

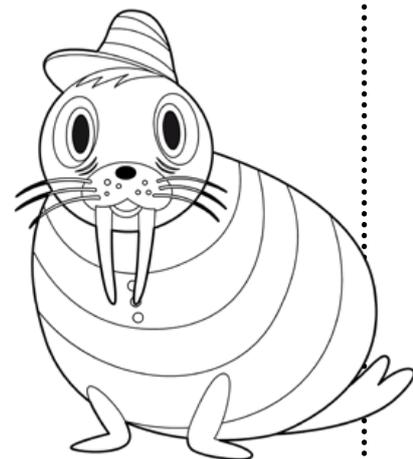
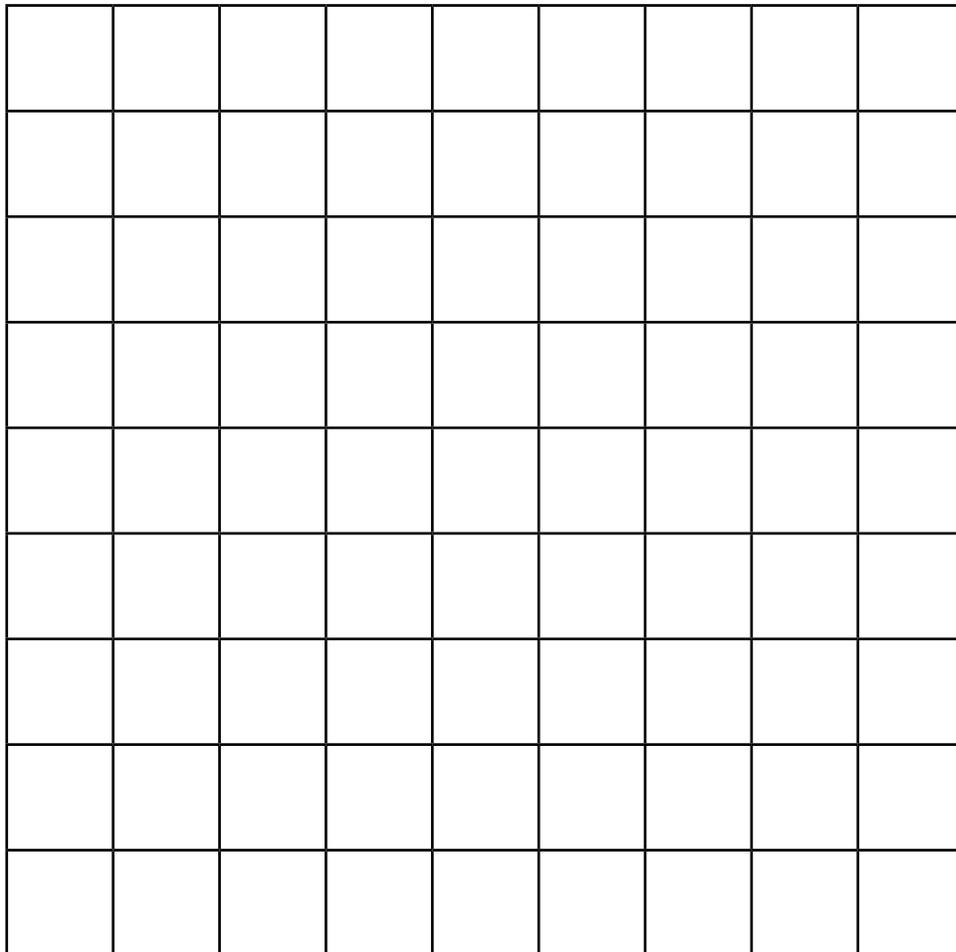
1 Read.

Waldo drew a shape that covered 8 squares.

Then he drew some more shapes that each covered 8 squares. What might the shapes be?

2 Underline the question. 3 Circle the facts.

4 Draw pictures to solve the problem.

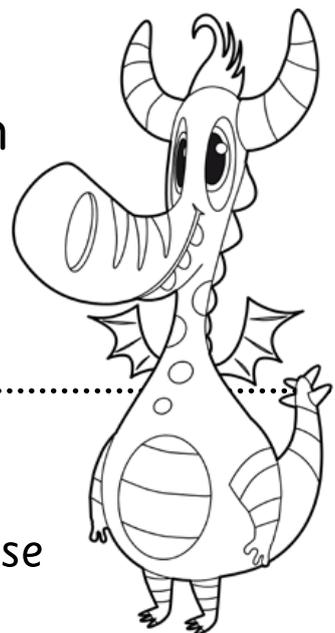


5 How many shapes did you draw? _____

6 Compare your shapes with a partner's.
Are any of your shapes the same?

1 Read.

Dizzy is thinking of a number. It is between 1 and 30. It has two digits. It has a 0 in it. What number might it be?



2 Underline the question. **3** Circle the facts.

4 Make a list of numbers 1–30. Cross out those you don't need.



Dizzy's is the smallest number. It is number _____

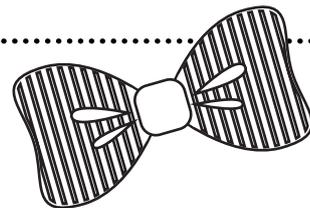
5 Share your answer with a partner. Talk about why making a list of numbers is a good strategy to solve this problem.

1 Read.

Doc has a red tie, a yellow tie, and a green tie. On the 1st day he wore his red tie. On the 2nd day he wore his yellow tie. On the 3rd day he wore his green tie. Follow the pattern. What color tie will Doc wear on the 10th day?

2 Underline the question. **3** Circle the facts.

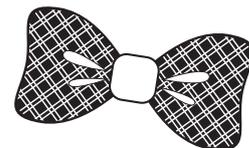
4 Use the table to solve the problem.



1st day	2nd day	3rd day	4th day	5th day
6th day	7th day	8th day	9th day	10th day

Doc will wear a _____ tie on the 10th day.

5 Think of another way to solve this problem.

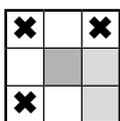


You will need a partner 😊, 2 colored pencils 🖍️, and this sheet.

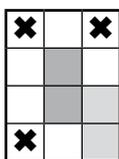
- 1 Color any one square on the grid in your color.
- 2 Your partner colors two squares, one of which must be next to yours.
- 3 You color three squares, starting from next to your first one.
- 4 They color four squares, starting from next to one of theirs.
- 5 Take turns coloring more and more squares until someone cannot go.
- 6 Each of you counts your color squares. The winner has the largest area.

After your first go, you can only color in squares that share a side with a square that is already in your color. For example:

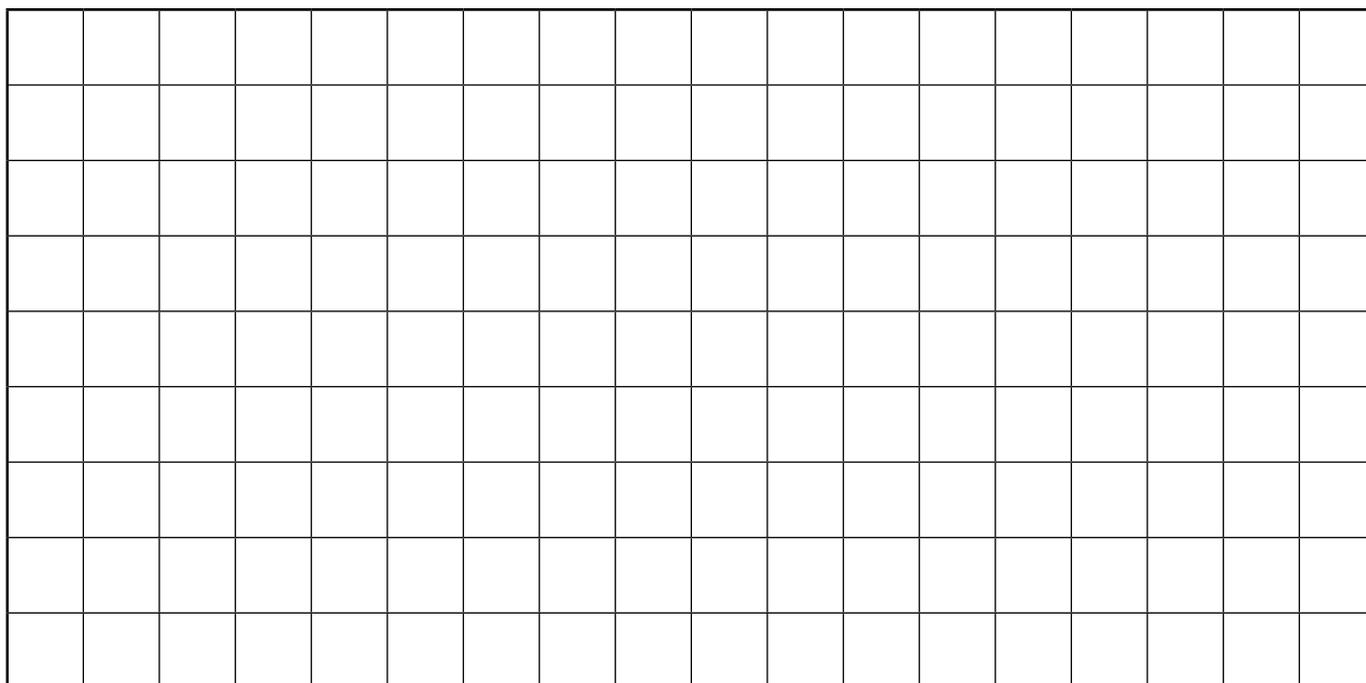
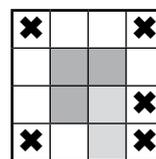
Turn 3 starts with 3 possible squares.



Color 1 square and there are 4 options for the 2nd square.



Color a 2nd square and there are 6 options for the 3rd square.





Great Start

Week 1 is done!

