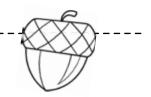


www.mathseeds.com



In this book

_ _ _ _ _ _ _ _ _ _ _ _

The Mathseeds program teaches children the core math and problem solving skills needed to be successful at school.

Each online lesson begins by introducing and modeling a mathematical concept. The child then completes a wide range of activities to practice the new skill. These activities present the content in many different ways, so children learn to use and apply each new skill in a variety of situations.

This book is designed to supplement the online program with more exercises in the core mathematical concepts. Each unit focuses on a topic within the main learning strand, presenting a series of pen and paper activities, word problems, puzzles, and games to practice their skills and understanding.

Mathseeds Geometry Grade K Student Book

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Publisher: Katy Pike Written by Sara Leman Design and layout by the Modern Art Production Group

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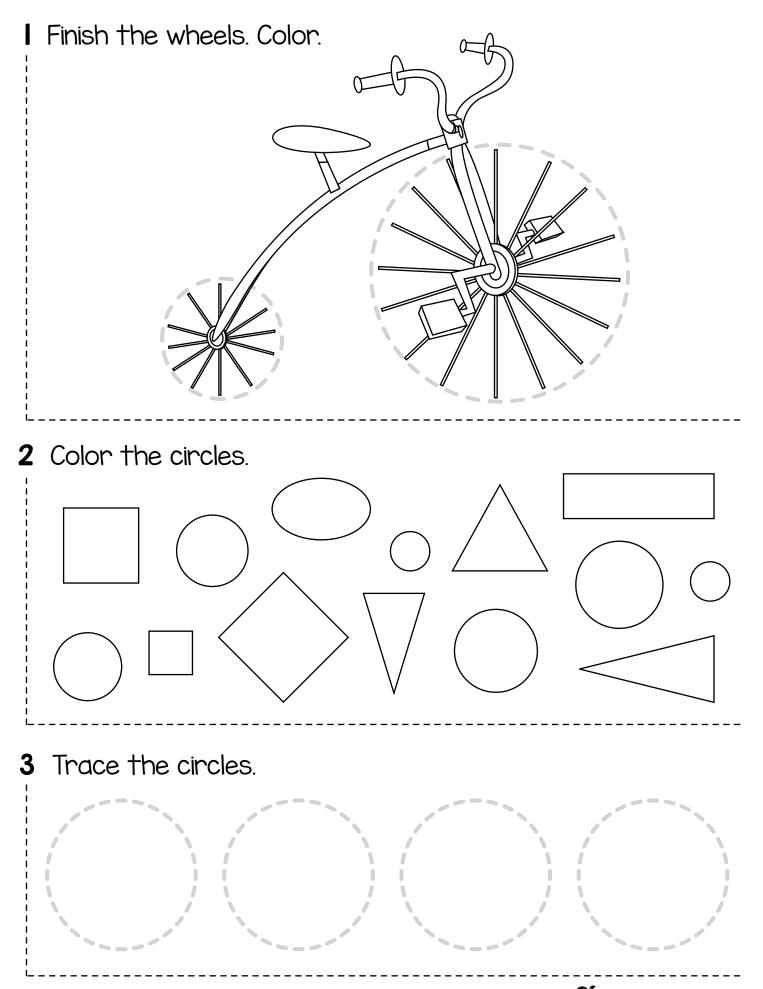
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$40 \cdot \text{In the bag (game)}$	/	/

Topic 3: Position

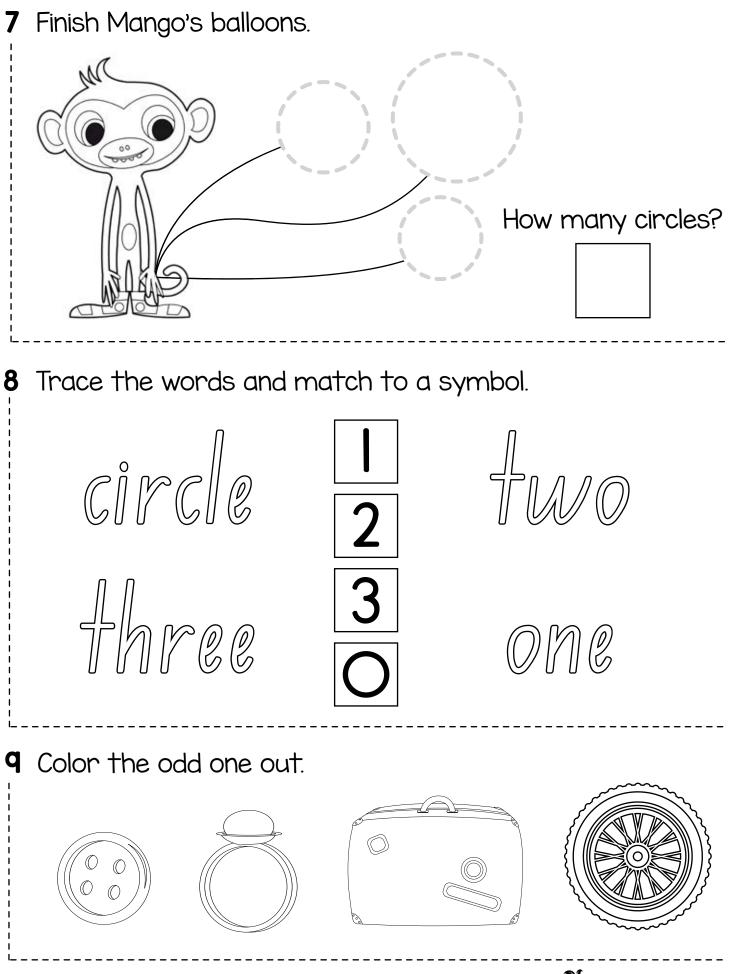
Page		Date Completed	
41 · Position	/	/	
46 \cdot X marks the spot! (game)	/	/	

Circles



Circles

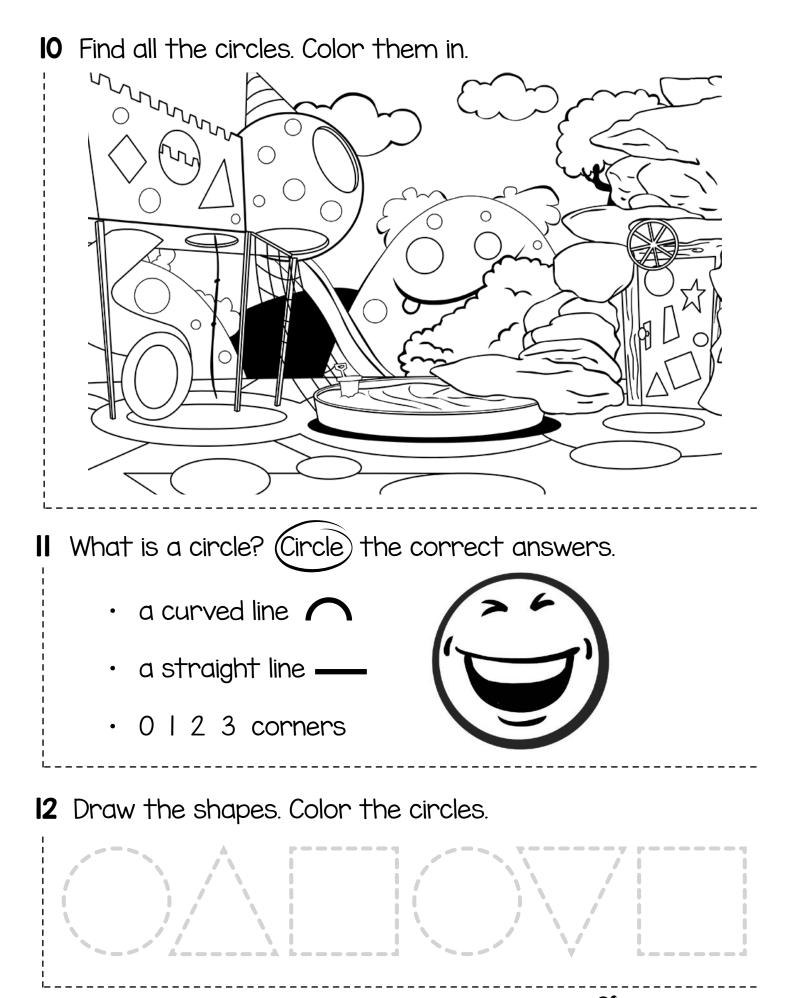


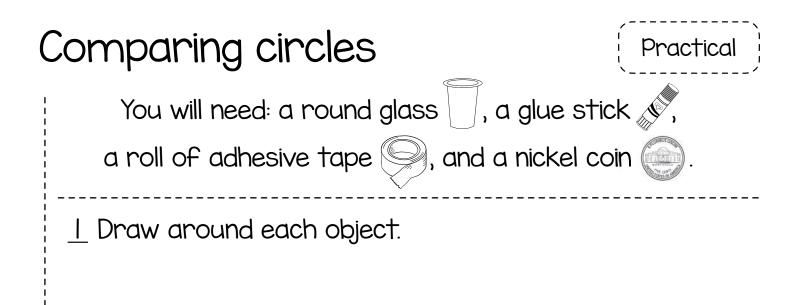


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Geometry • Grade K • Topic 1

Circles





2	Color the biggest \bigcirc blue.
3	Color the smallest \bigcirc yellow.

Squares

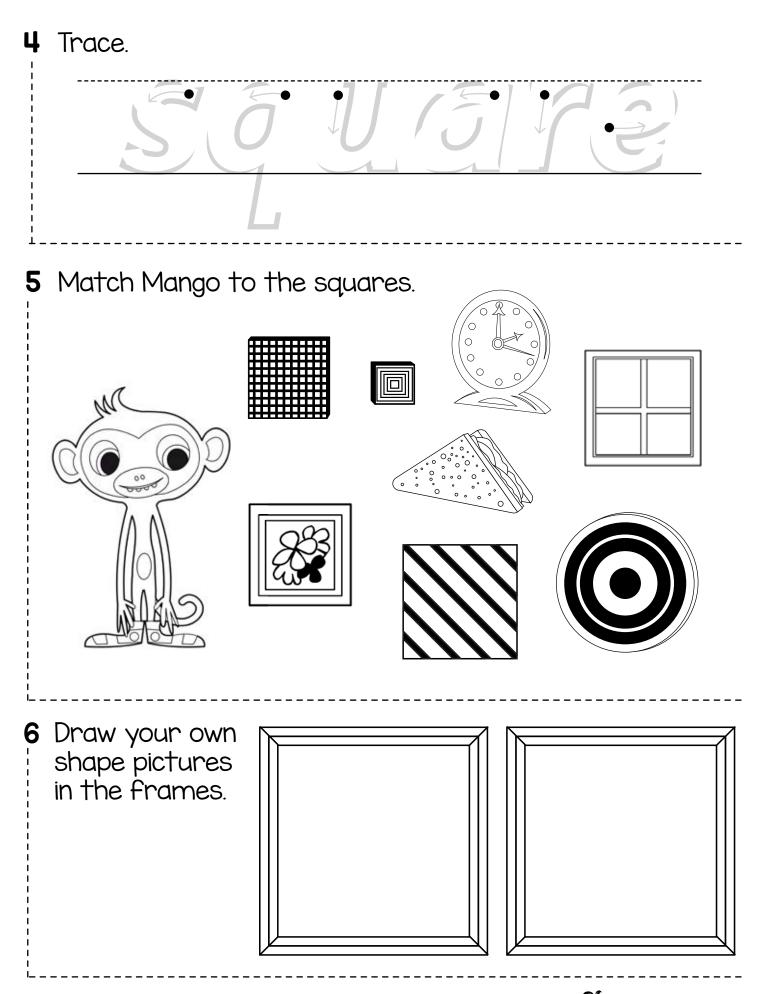
Finish the windows.	Color.
2 Color 🗌 blue, () y	
B Trace.	

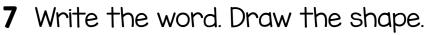
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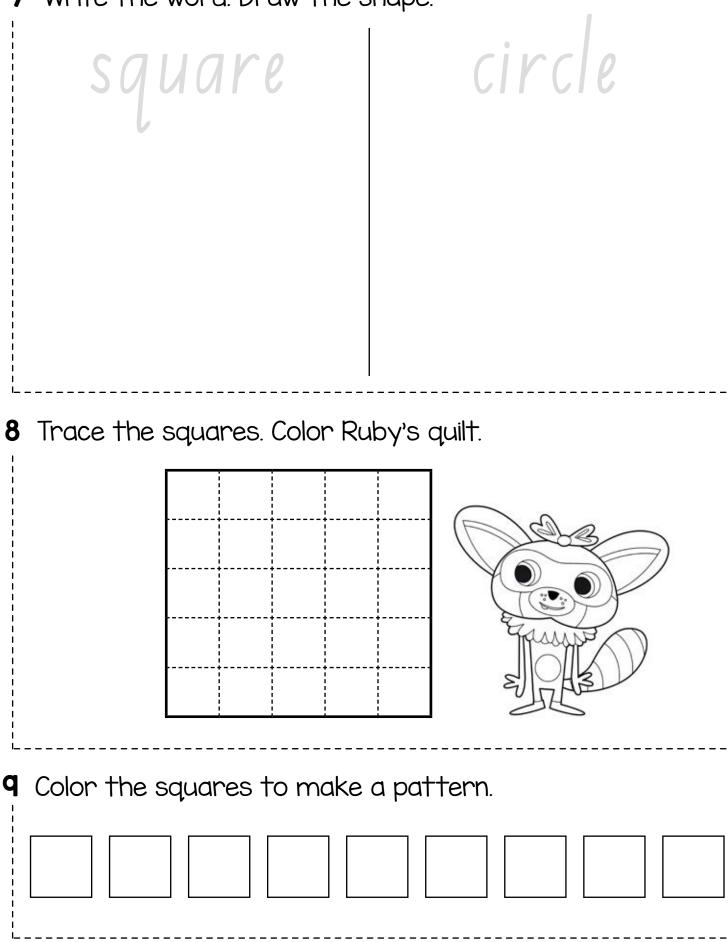
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_ _ _ _ _ _ _ _

Squares

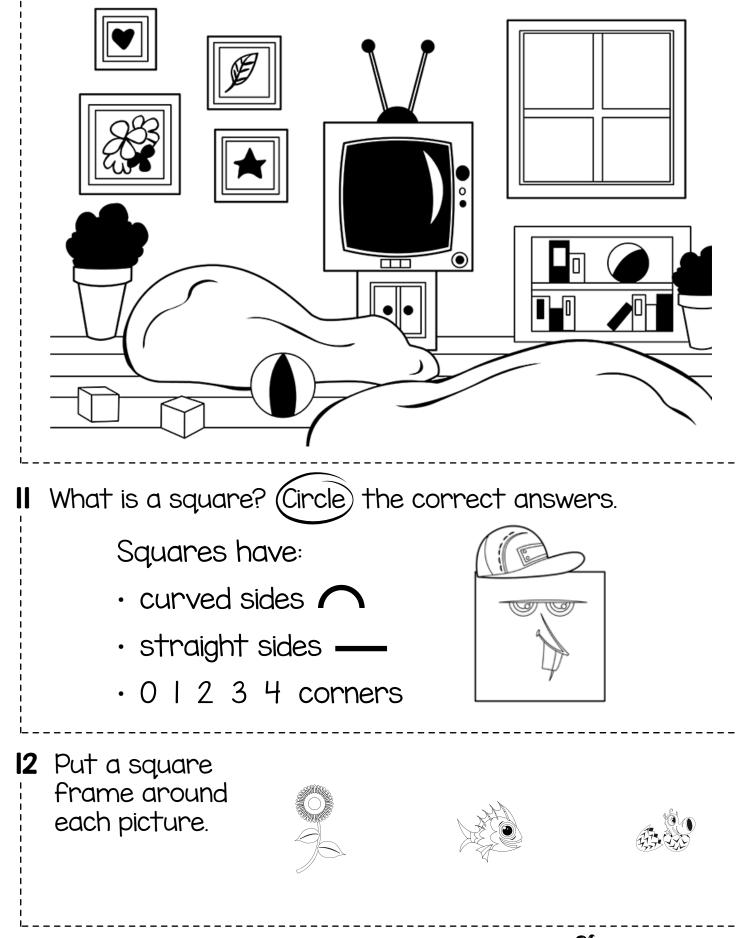






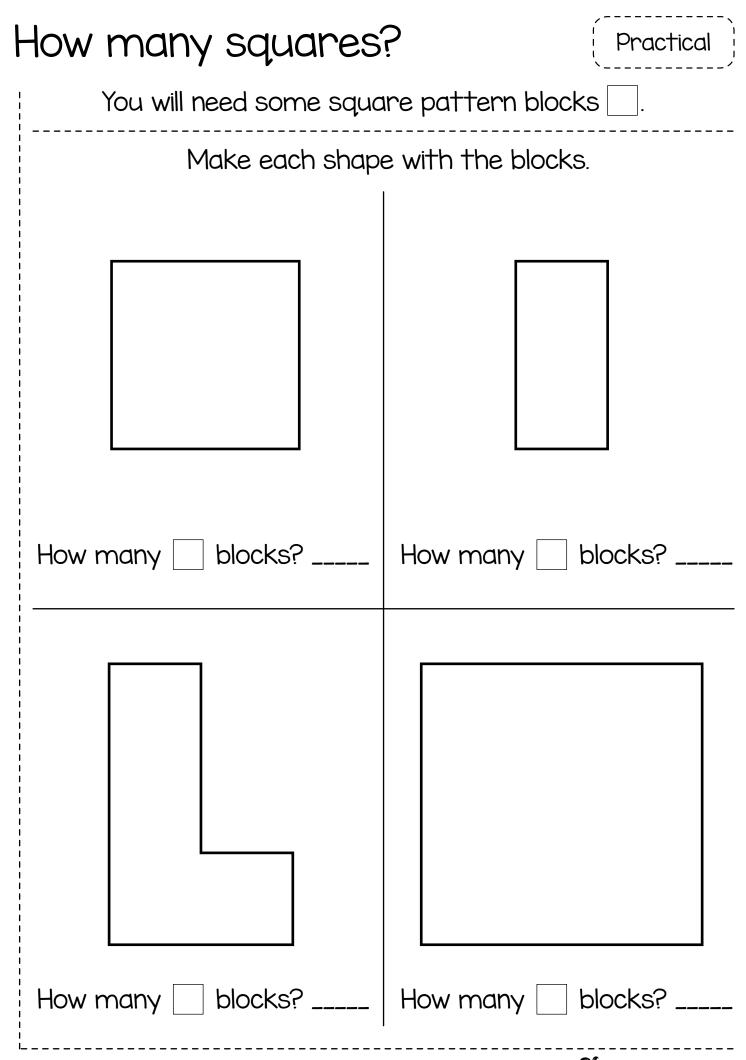
8

10 Find all the squares. Color them in.

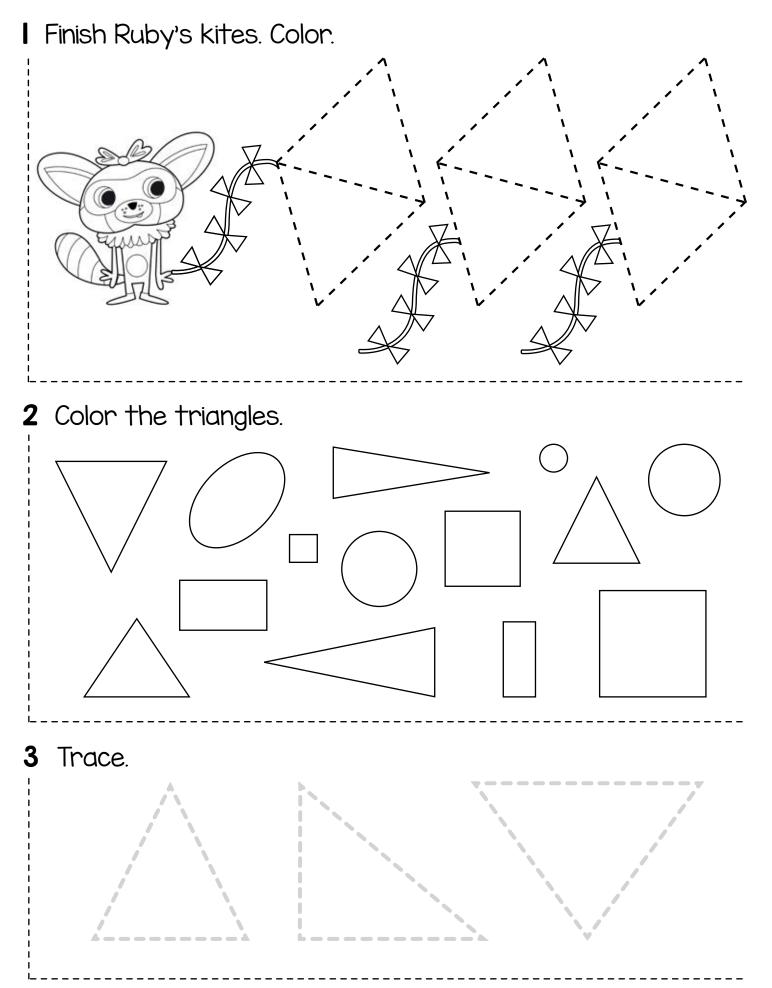


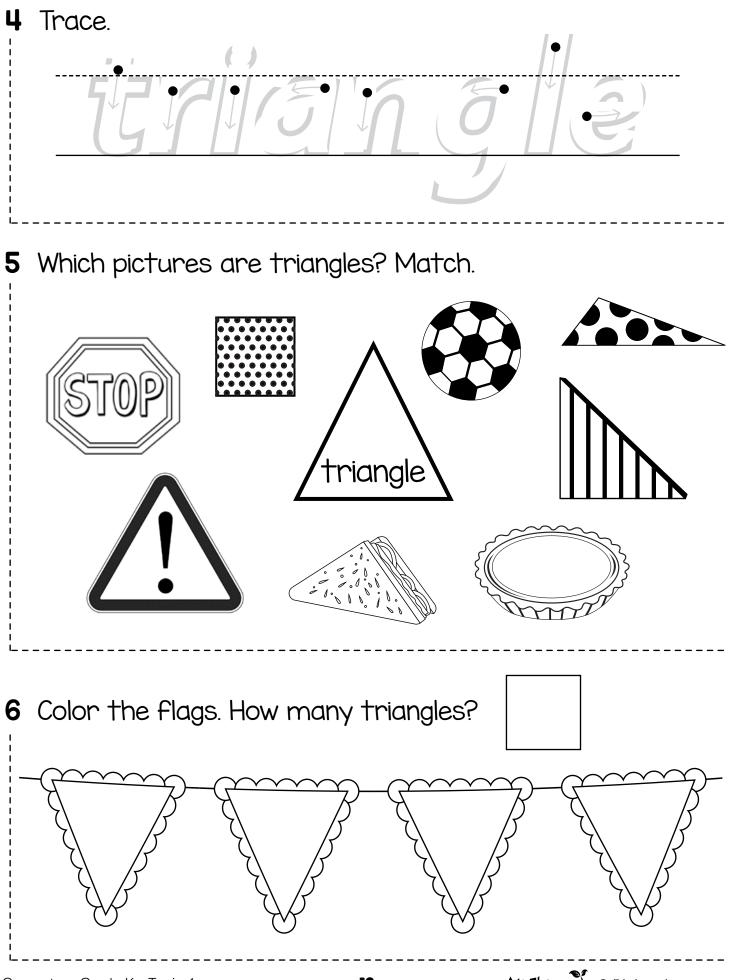
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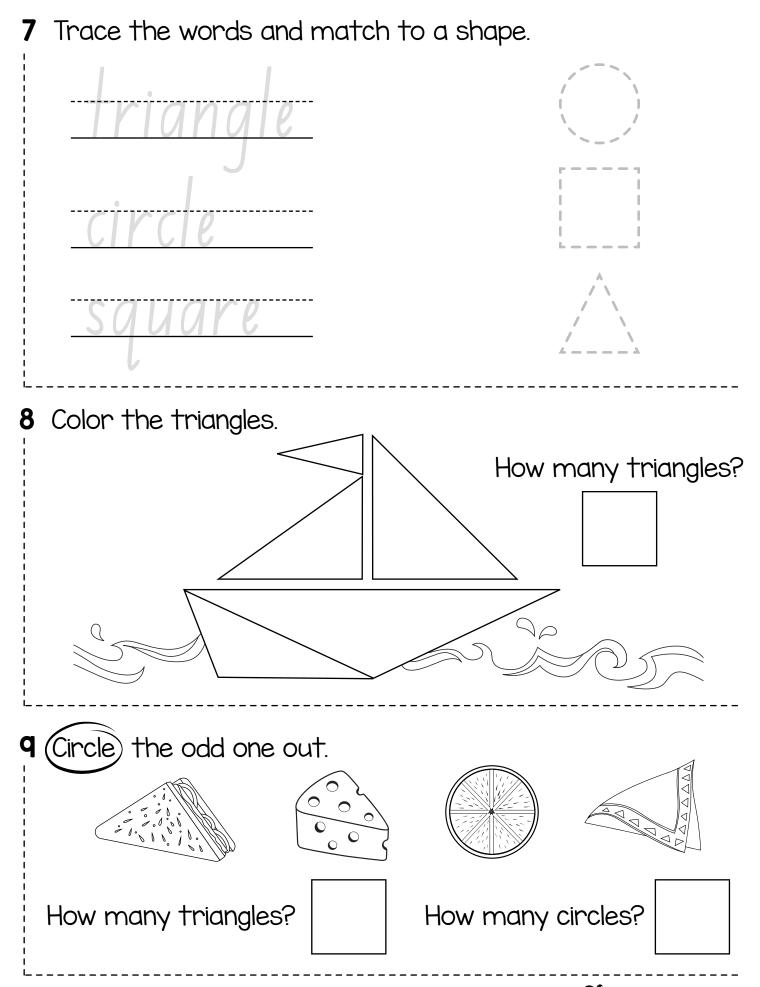
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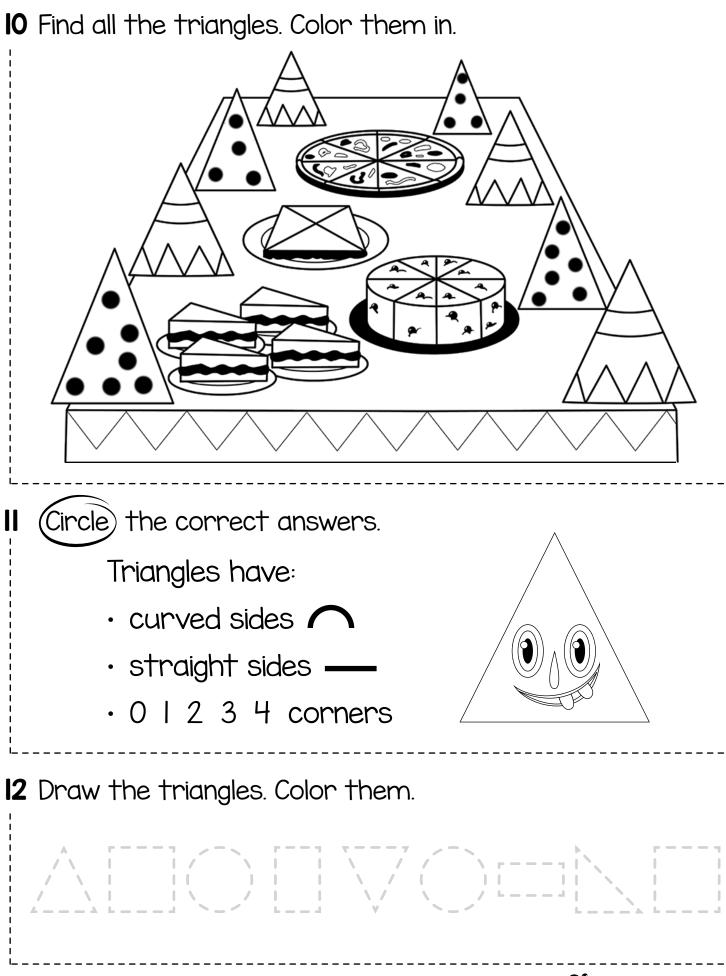


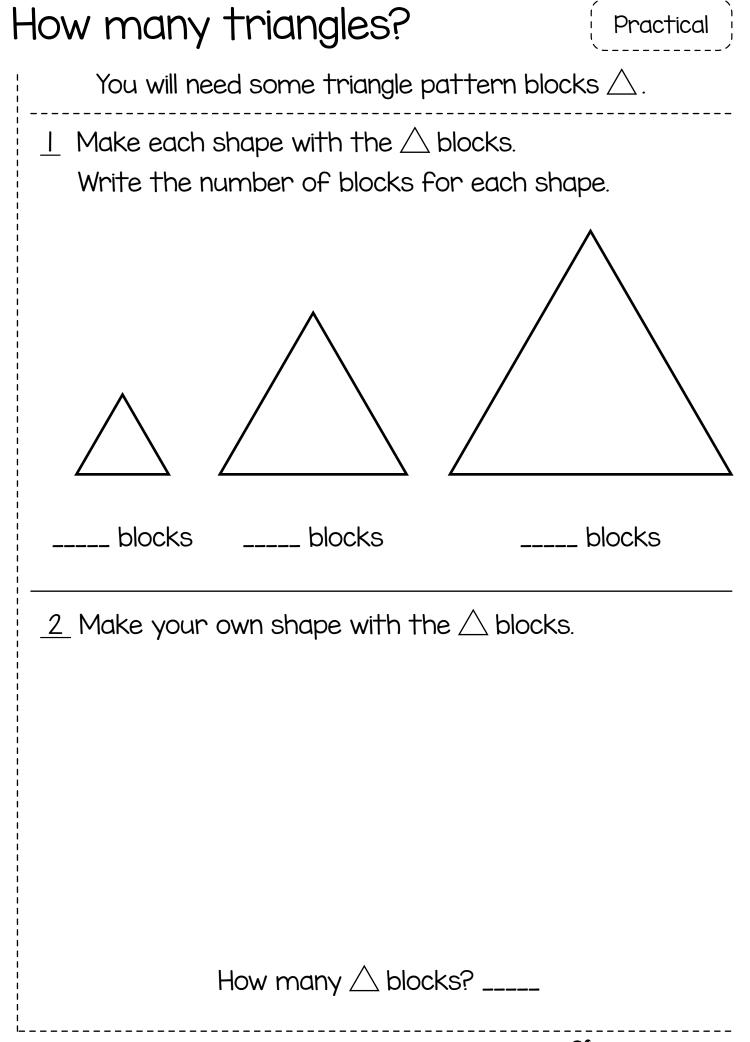
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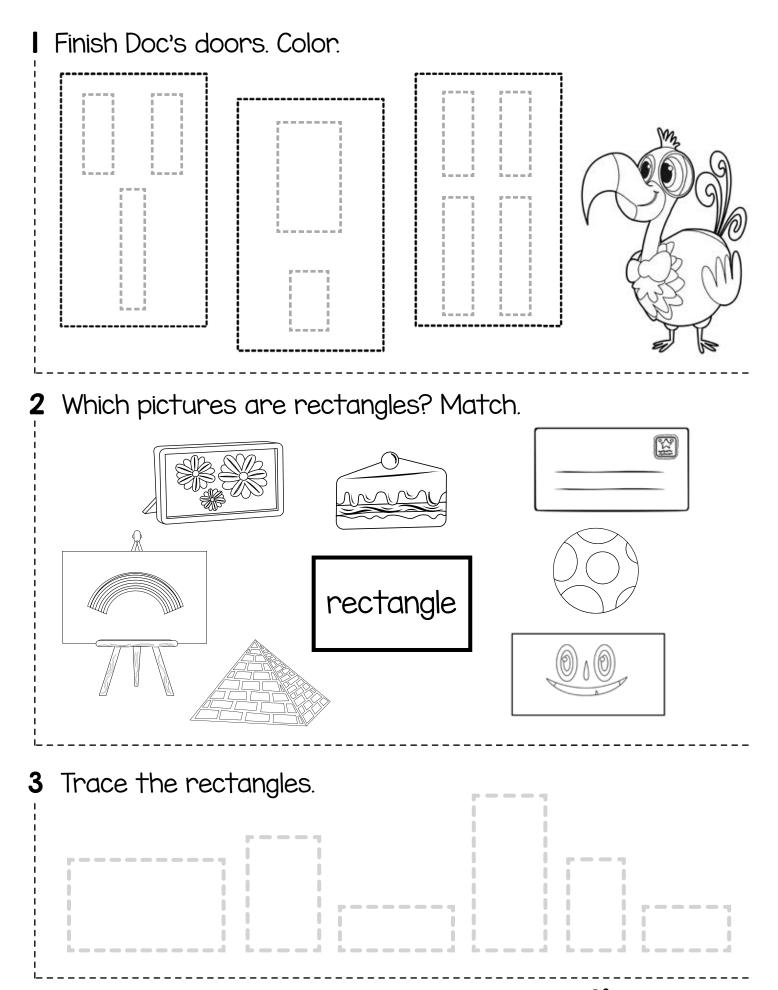


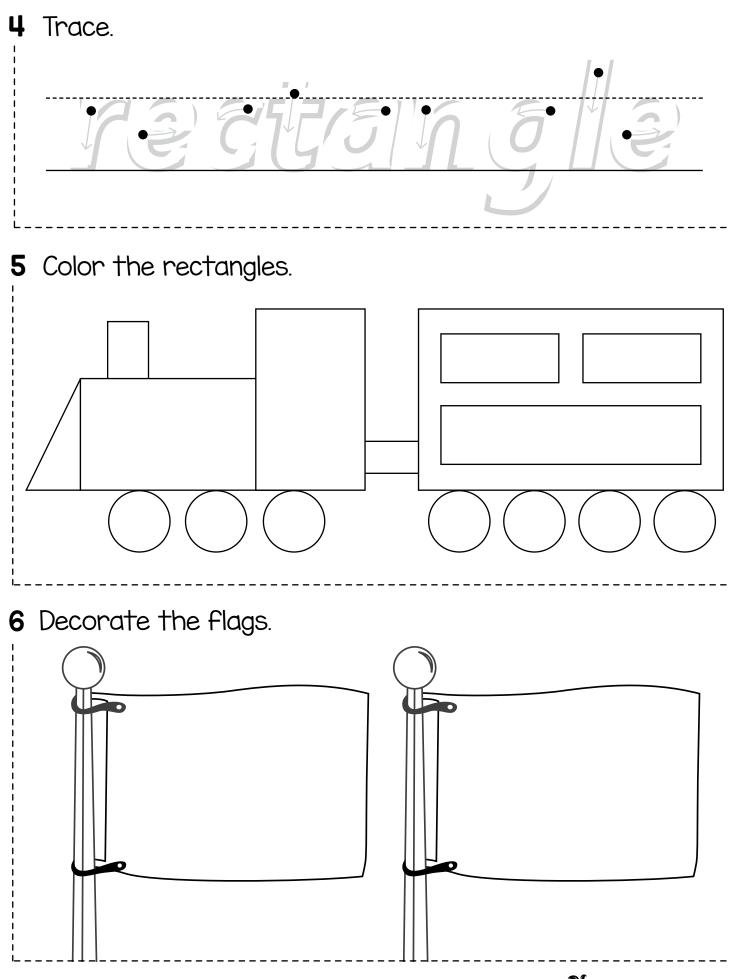




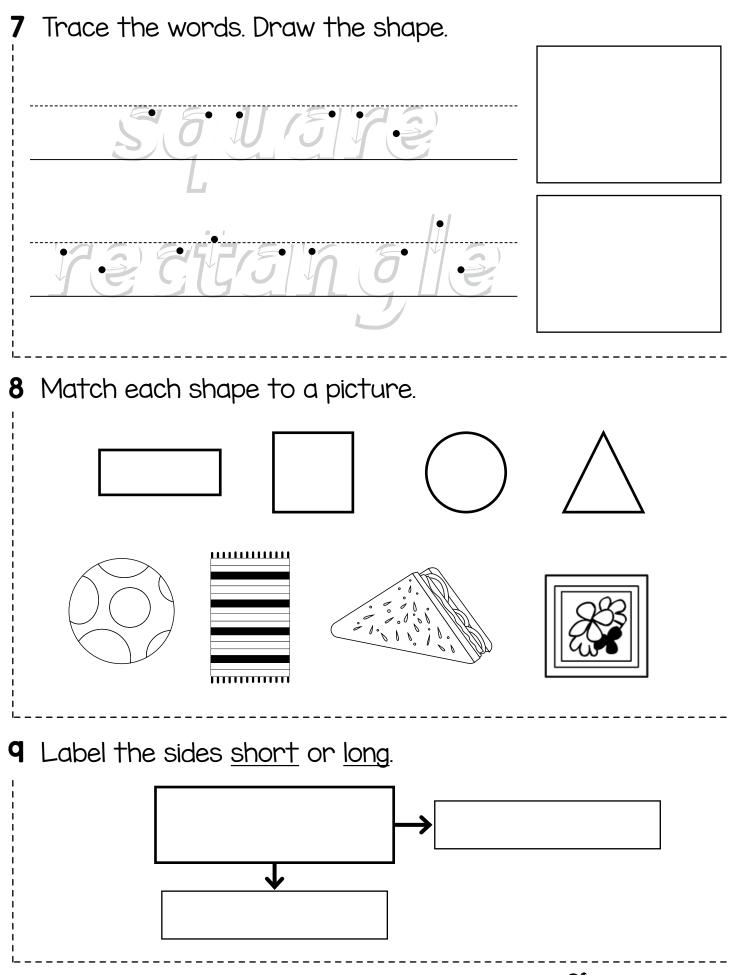


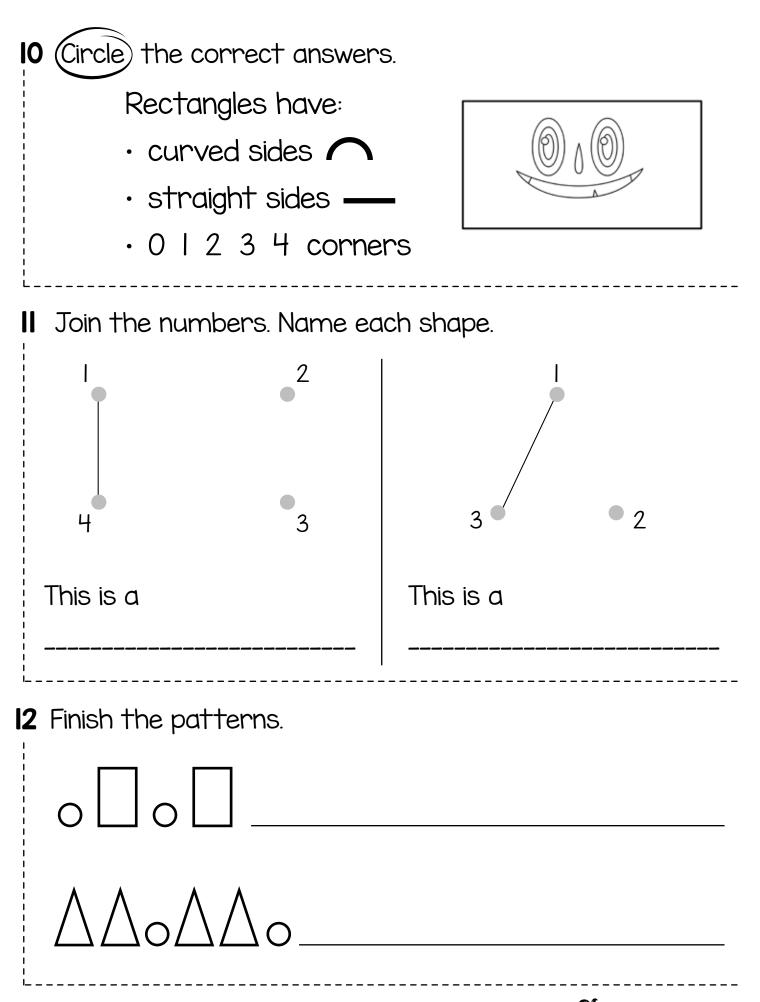




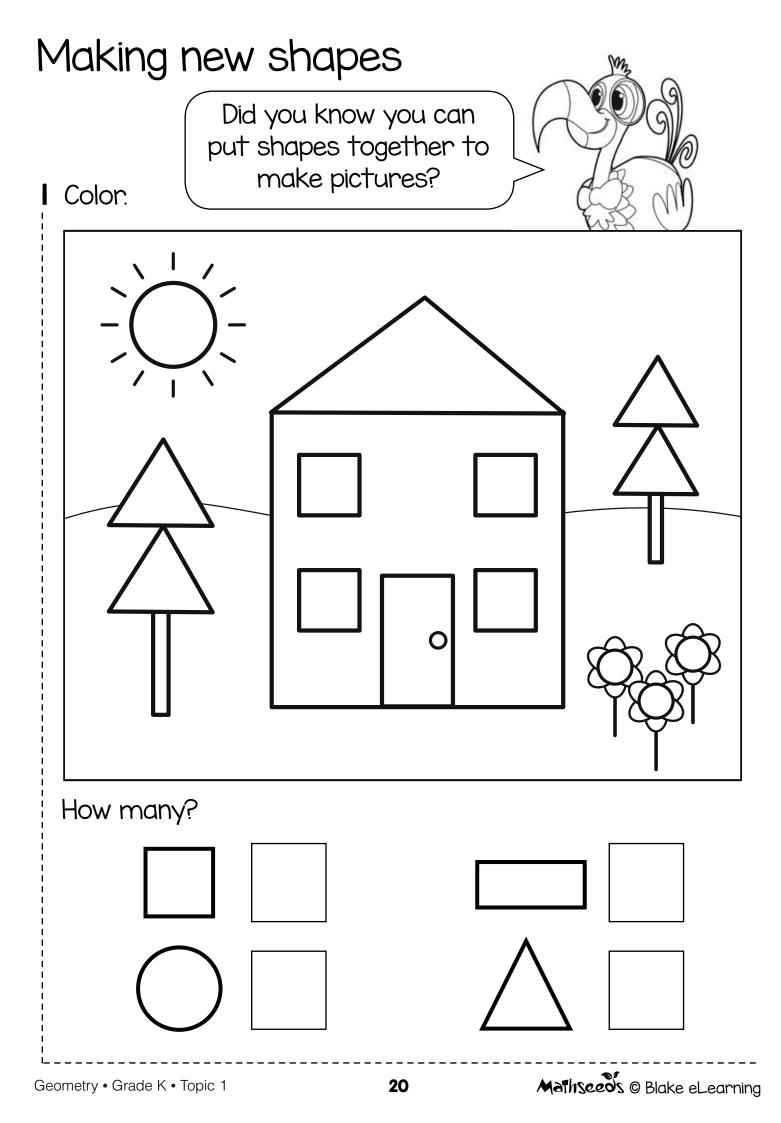


Geometry • Grade K • Topic 1

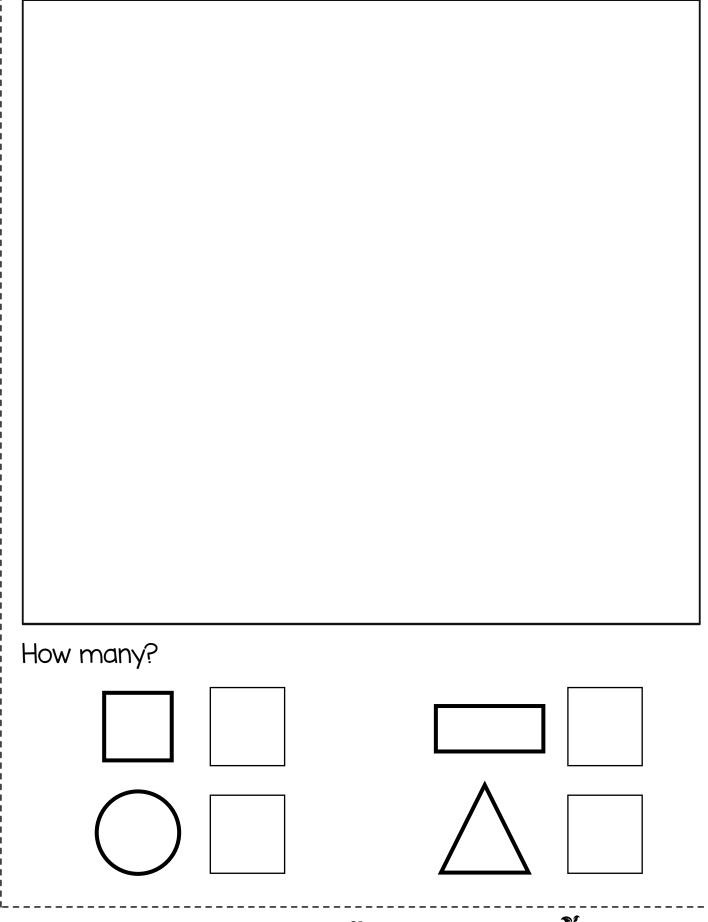


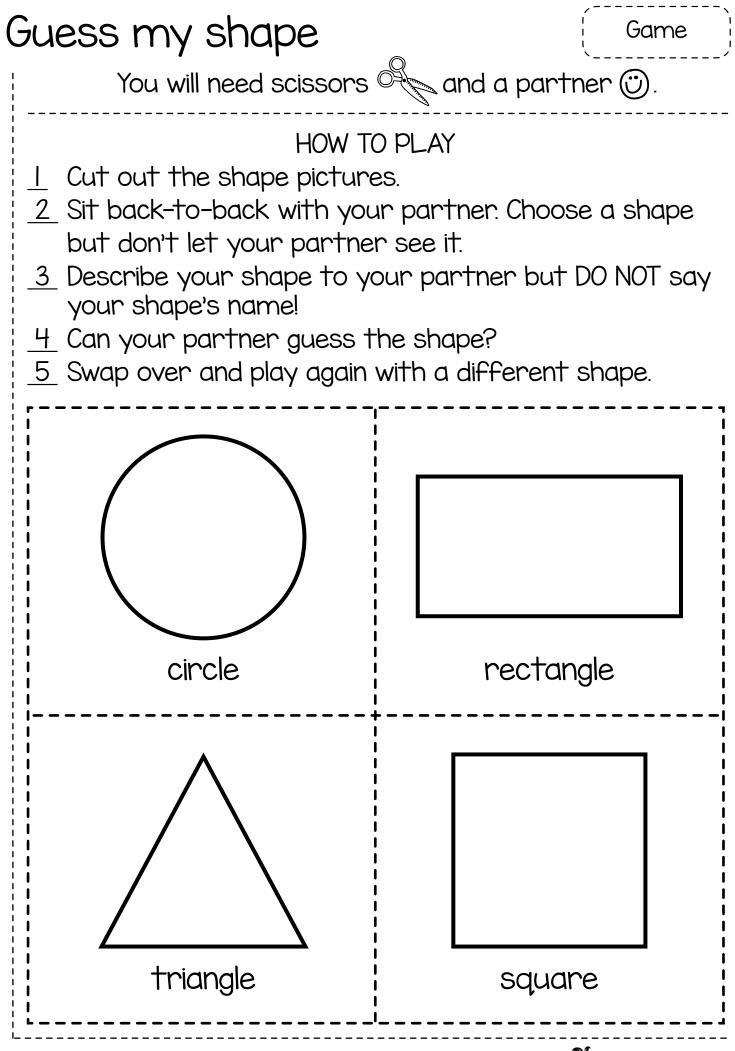


Geometry • Grade K • Topic 1



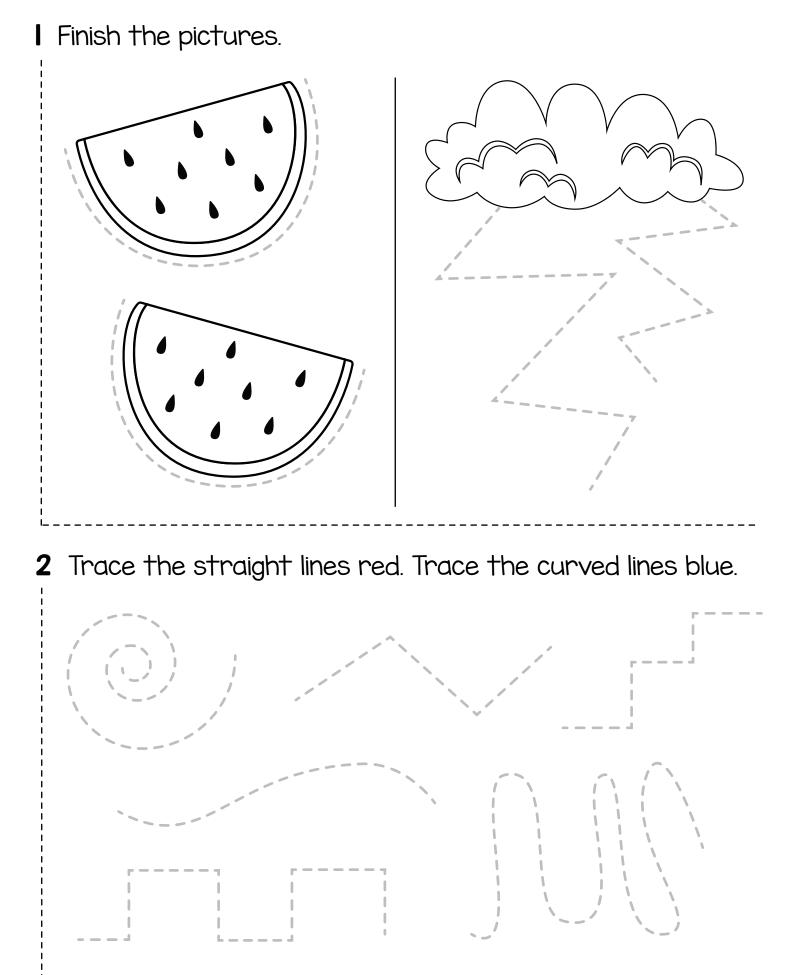
2 Make your own picture using pattern blocks.





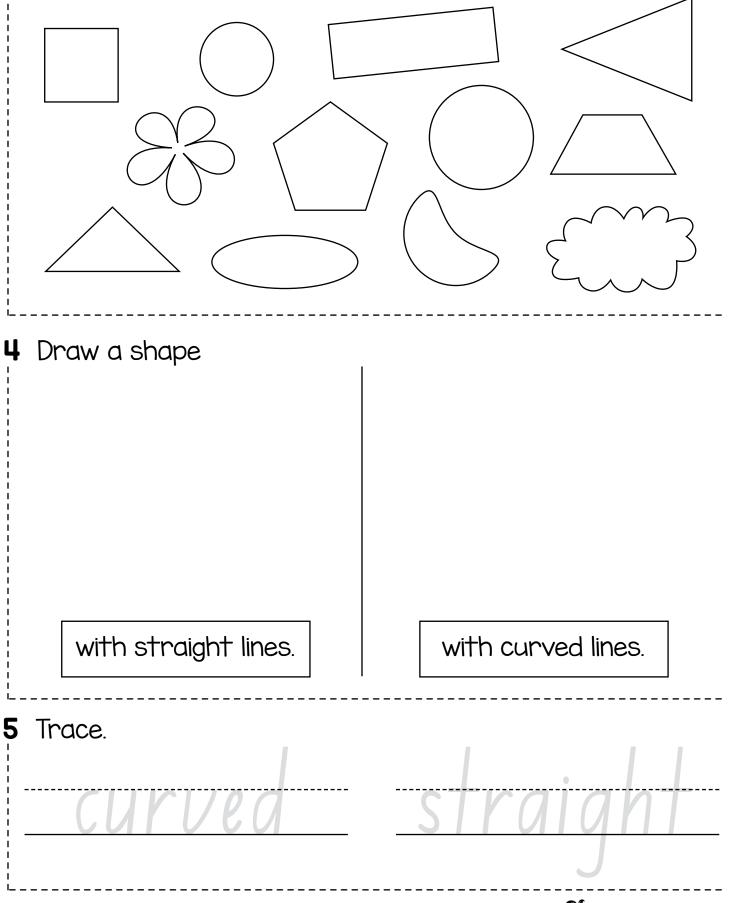
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Straight and curved lines

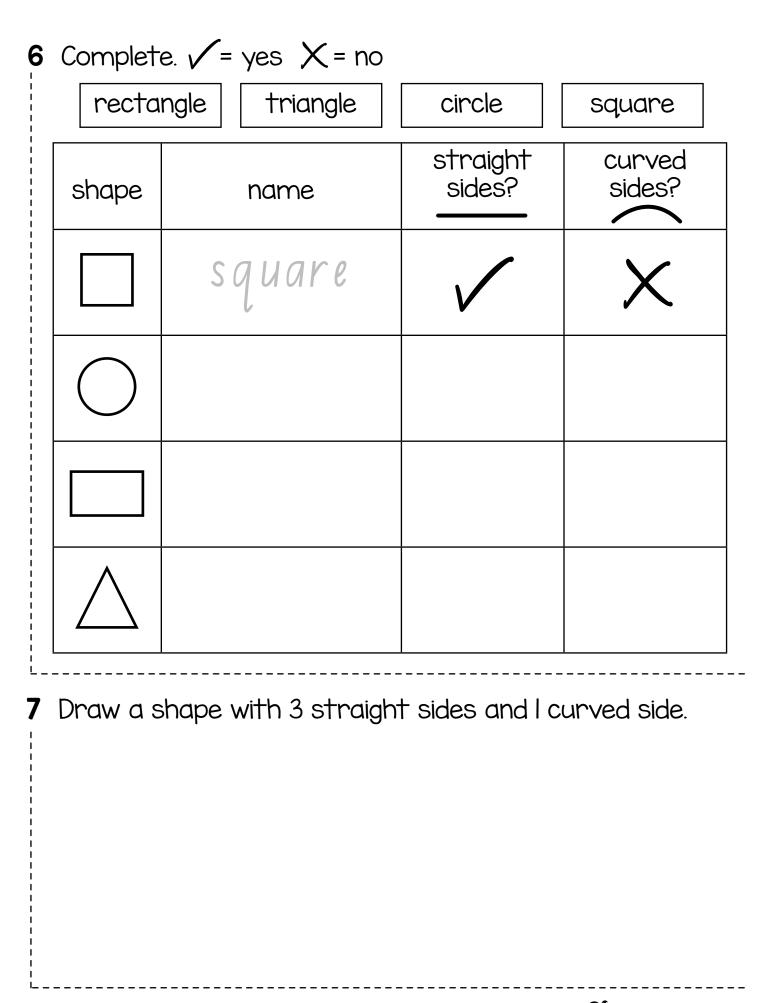


Straight and curved lines

3 Color the shapes with straight sides pink, curved sides green.



Straight and curved lines



Doc's shapes



Read.

3

Doc has a box with lots of circles and lots of squares.

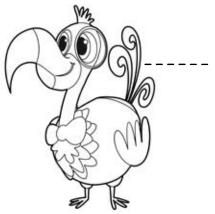
He picks out 3 shapes and puts them down in a line.

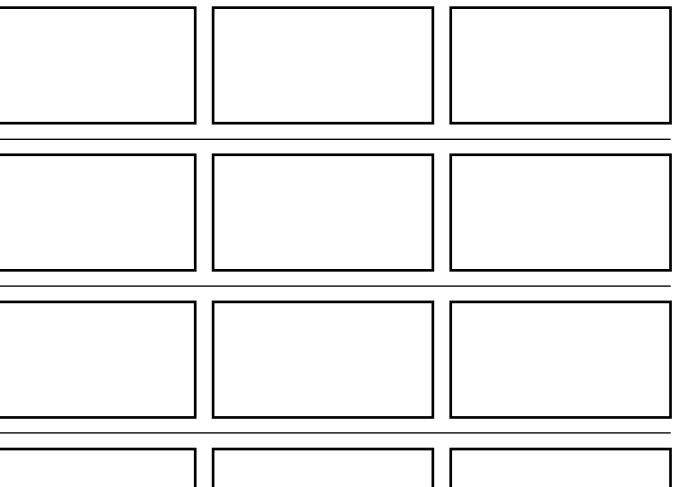
What 3 shapes could they be?

2 <u>Underline</u> the question.

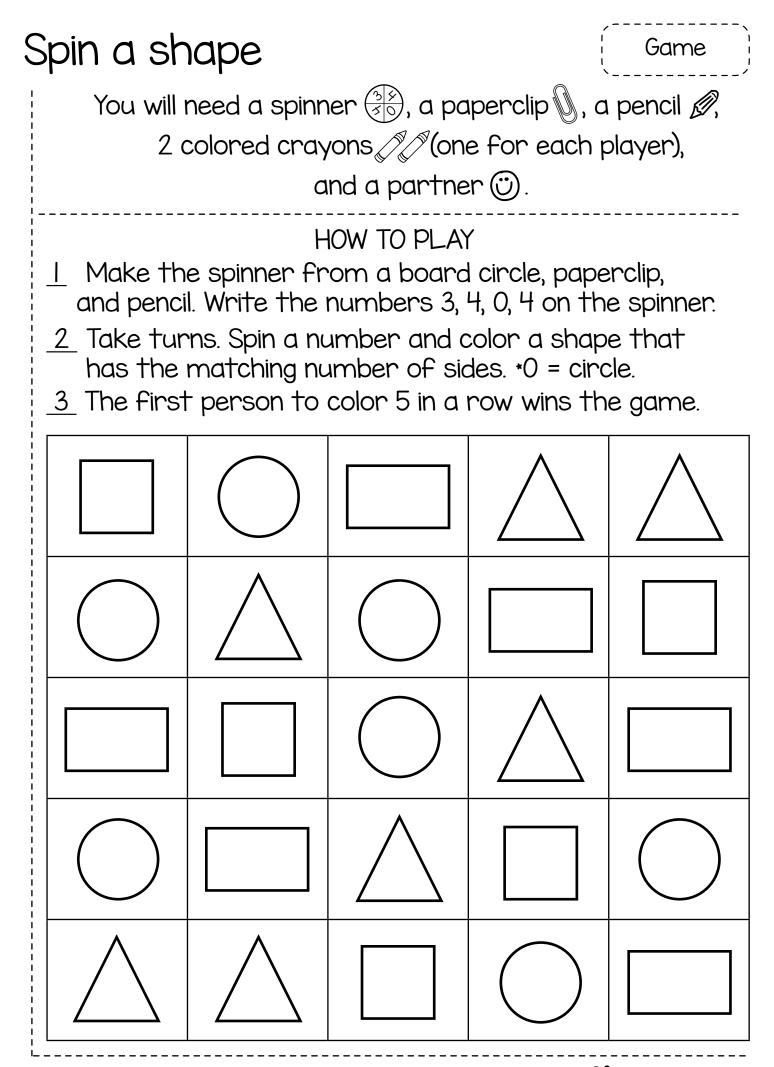
(Circle) the shapes and numbers.

4 Make patterns. Draw the pictures.



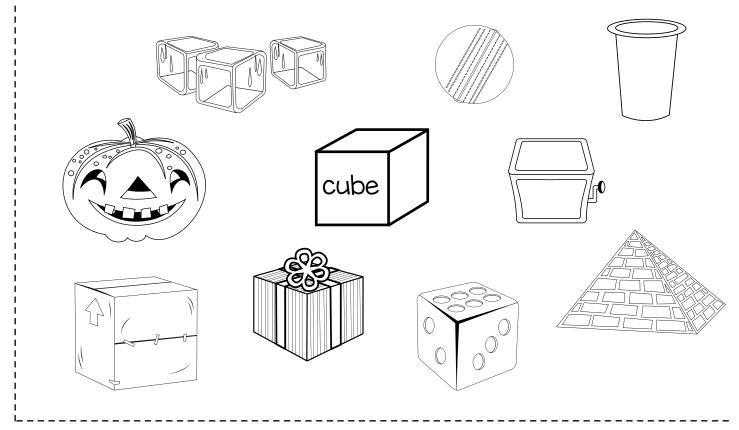


5 I found _____ different ways to solve the problem.

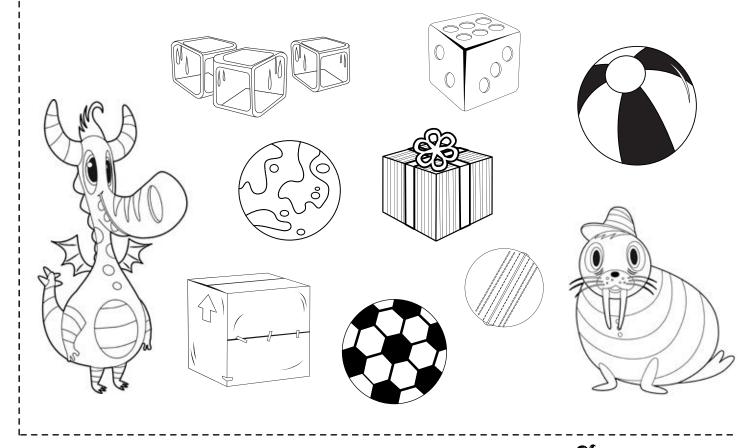


Cubes and spheres

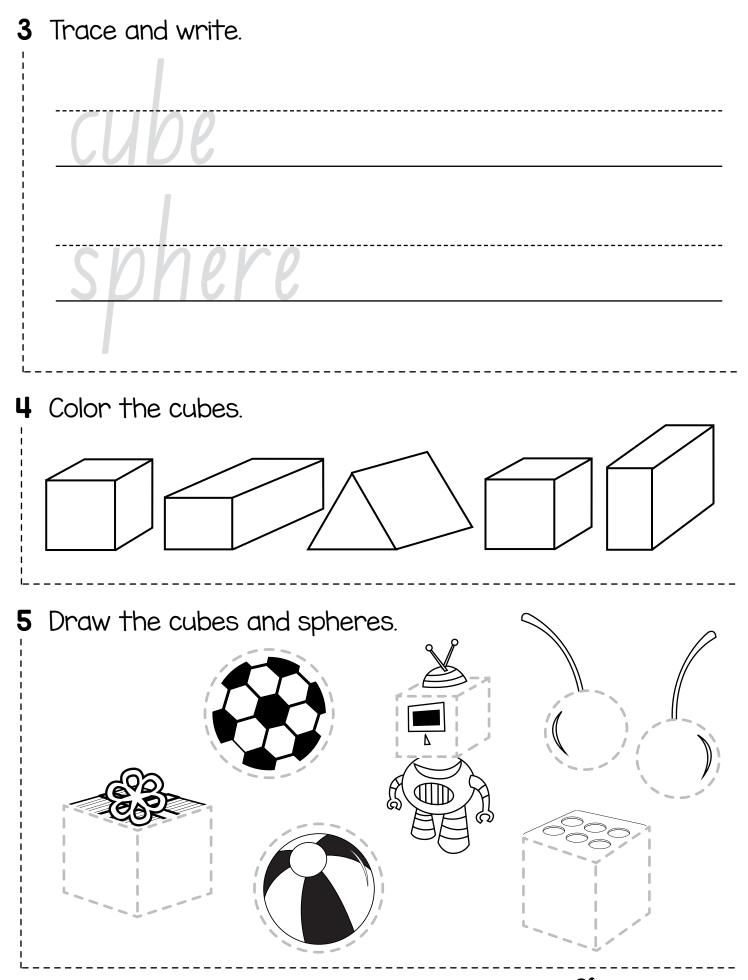
Which pictures are cubes? Match.



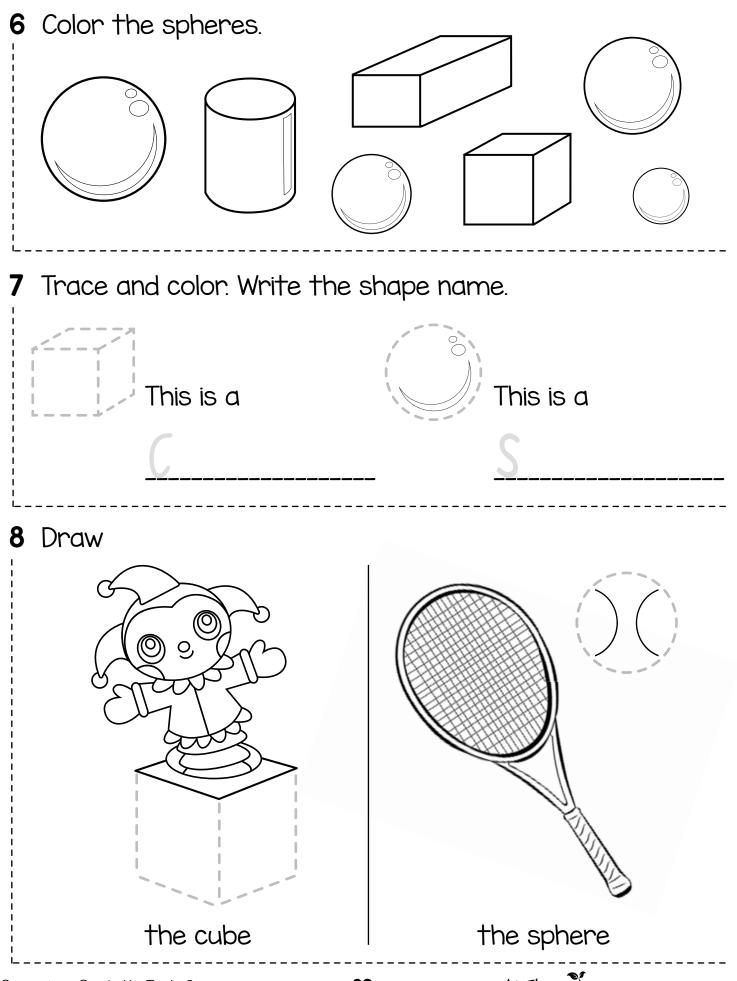
2 Join Dizzy to the spheres and Waldo to the cubes.



28



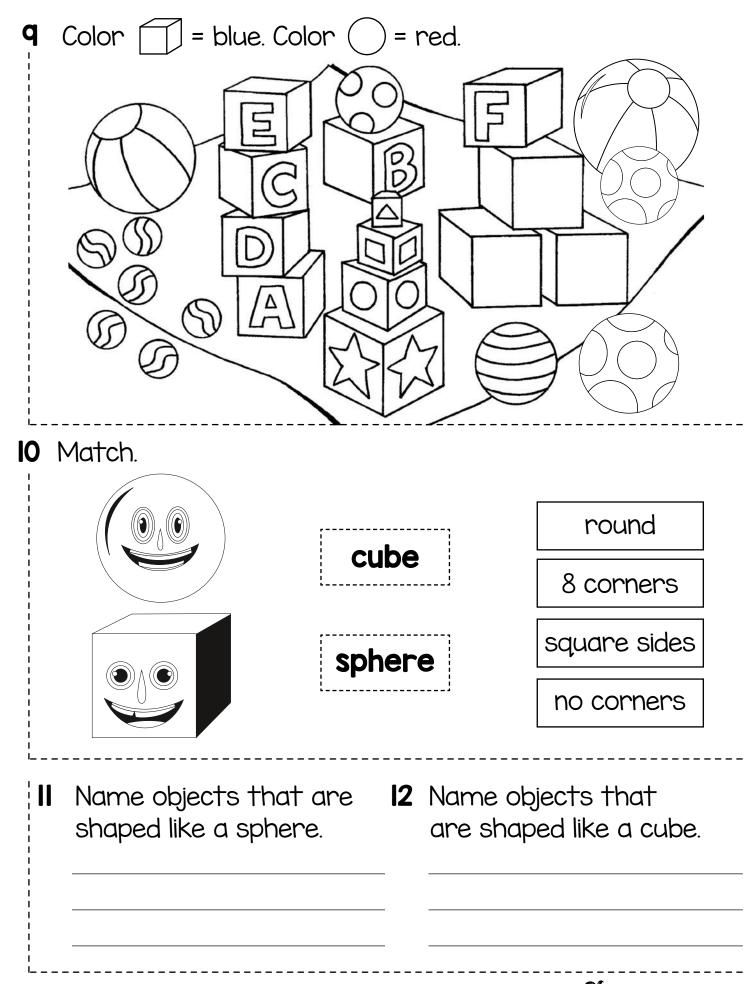
Cubes and spheres



Geometry • Grade K • Topic 2

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Cubes and spheres

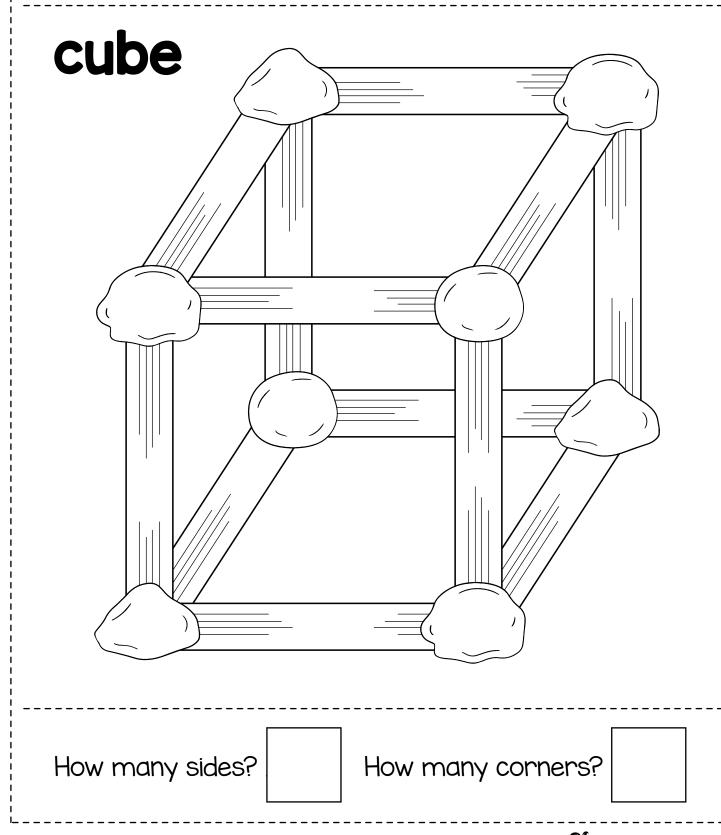


Make a cube

Practical activity

You will need 12 pop sticks or toothpicks, and 8 small balls of playdough.

Look at the picture. Make it!



Roll it!

/-		-、
1 1 1	Game	
`- `		_/

You will need playdough (), a chair, a piece of wood or board, and a partner ().

HOW TO PLAY

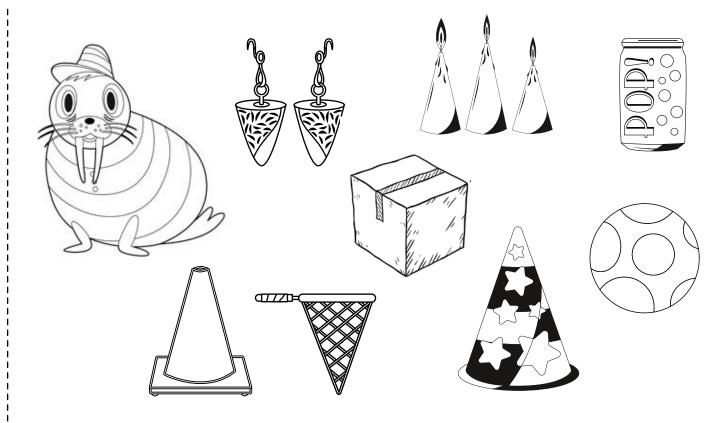
- I Roll the playdough into 5 different sized spheres.
- <u>2</u> Balance the wood against the chair to make a ramp.
- <u>3</u> Start by putting the smallest sphere at the top of the ramp. Your partner puts their smallest sphere there too.
- <u>4</u> On the count of 3, let go and watch your spheres roll down the ramp. Whose sphere rolled the furthest?
- 5 Record your results and repeat 4 more times.

Put a tick under the winner's name.

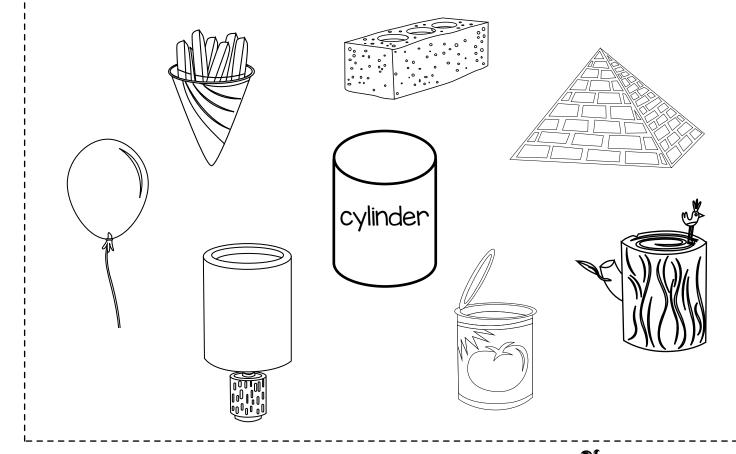
Roll	Name:	Name:
2		
3		
4		
5		

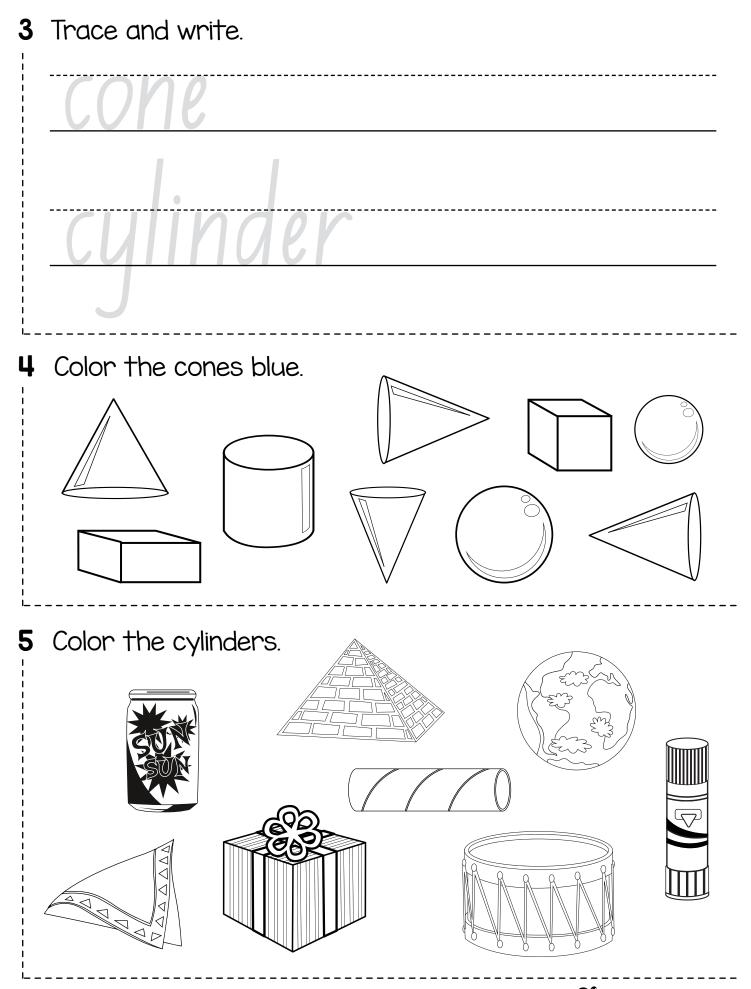
Cones and cylinders

Join Waldo to the cones.



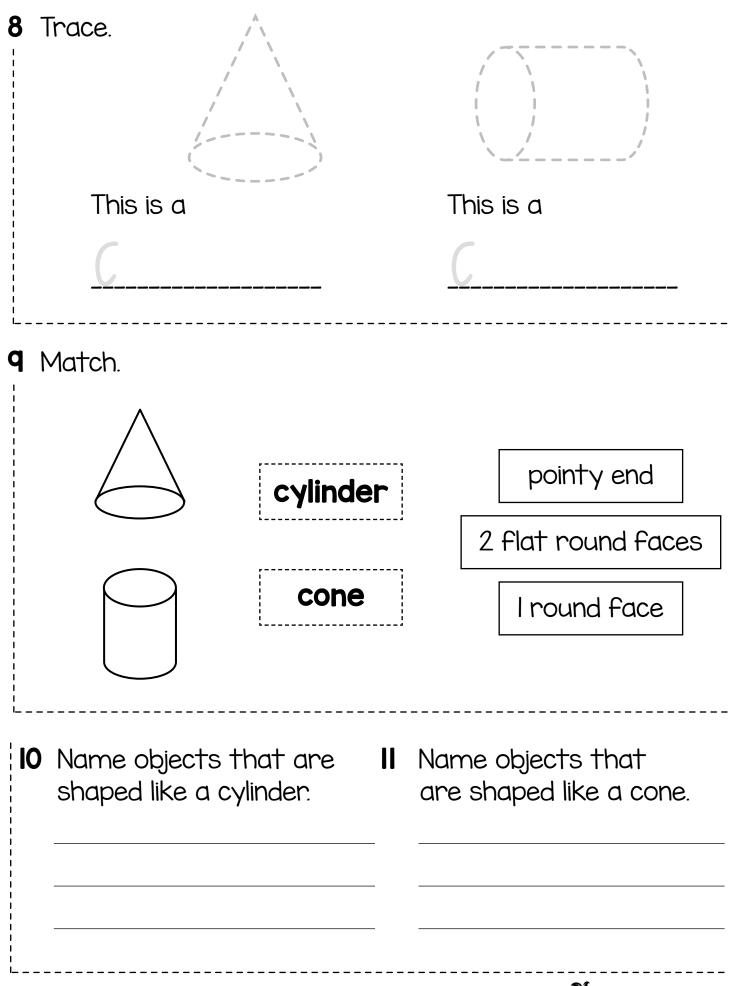
2 Which pictures are cylinders? Match.





Cones and cylinders

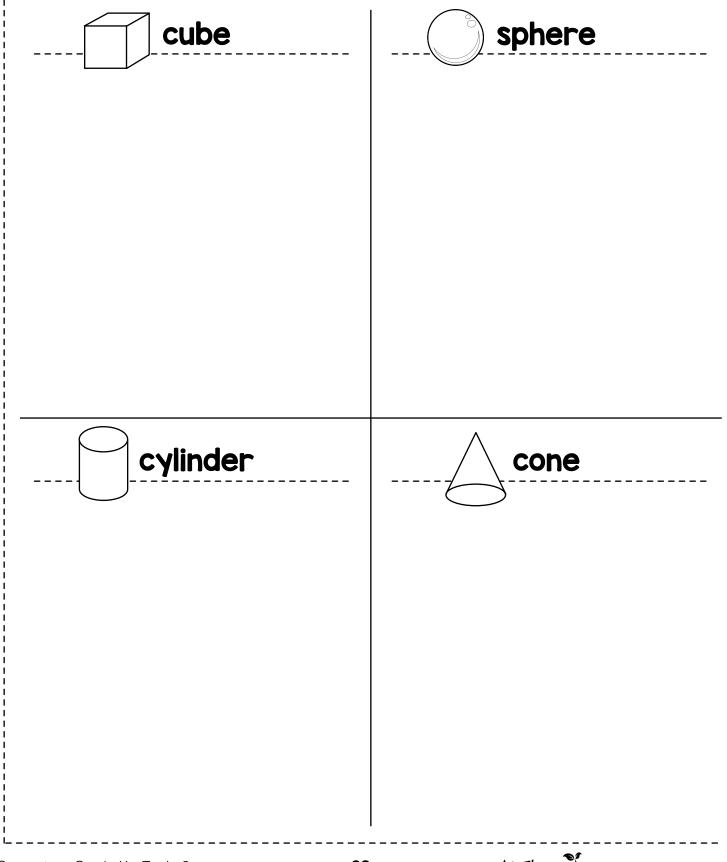




Find it!

1	、
1	Practical activity
i	Fractical activity
`	/

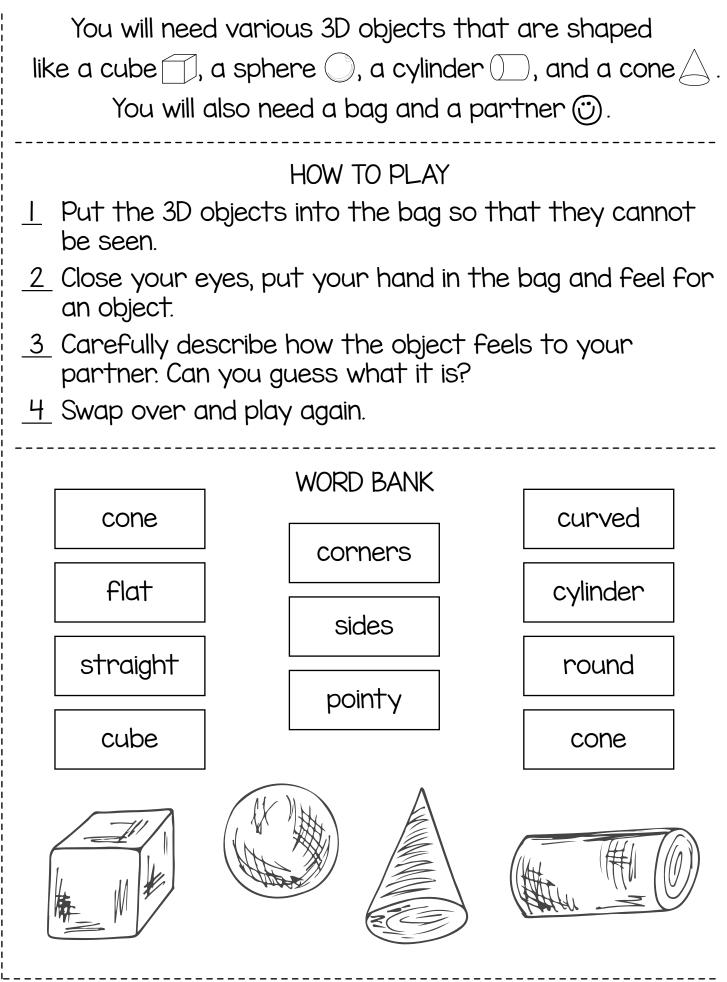
- Have a look around your environment. Can you find any 3D objects?
- 2 Draw them in the correct boxes.



Ruby's shapes Problem solving Read. Ruby has lots of cones and lots of spheres. She picks out 3 objects and puts them down in a line. What 3 objects could they be? Underline the question. 2 3 (Circle) the objects and numbers. Make patterns. Draw the pictures. 4 I found _____ different ways to solve the problem. 5

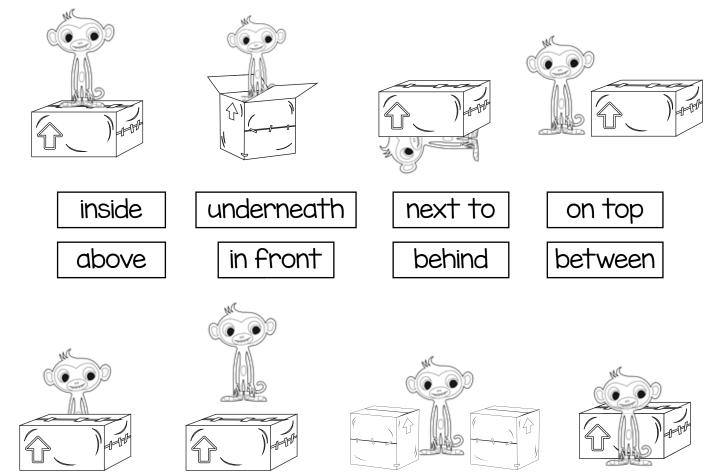
In the bag



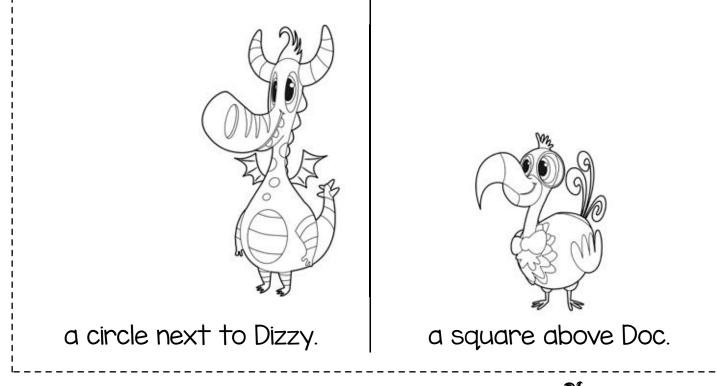


Position

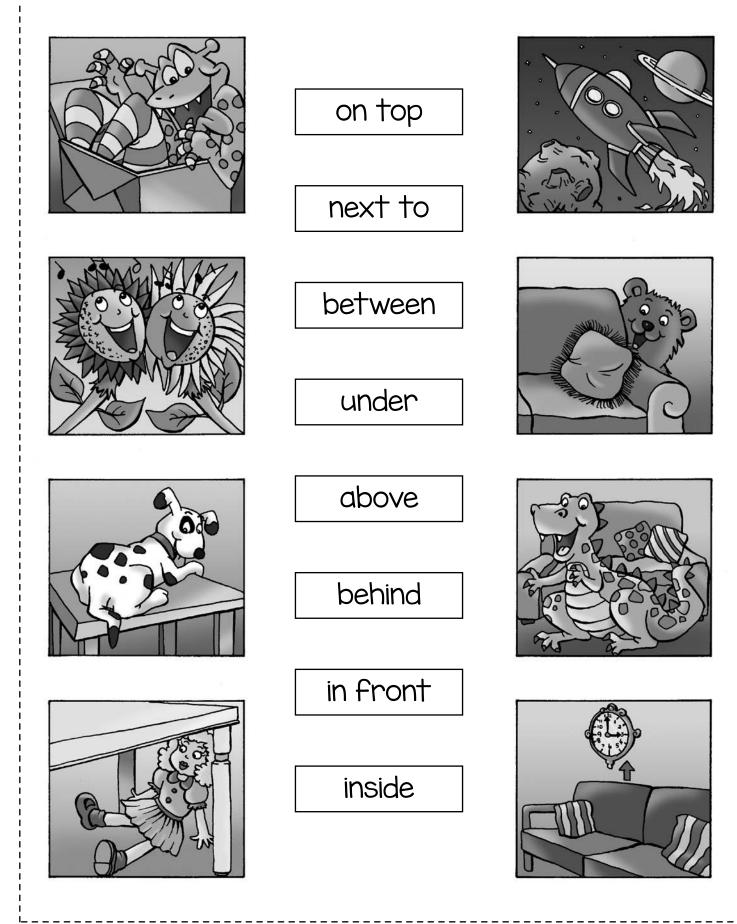
Match.



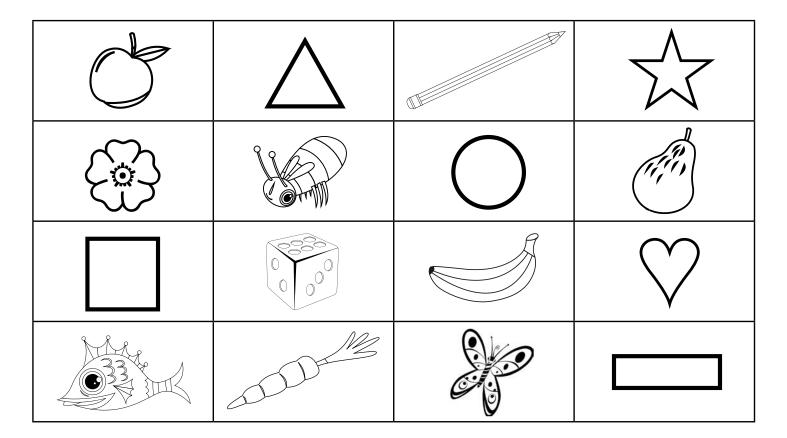
2 Draw



3 Match each word to a picture.



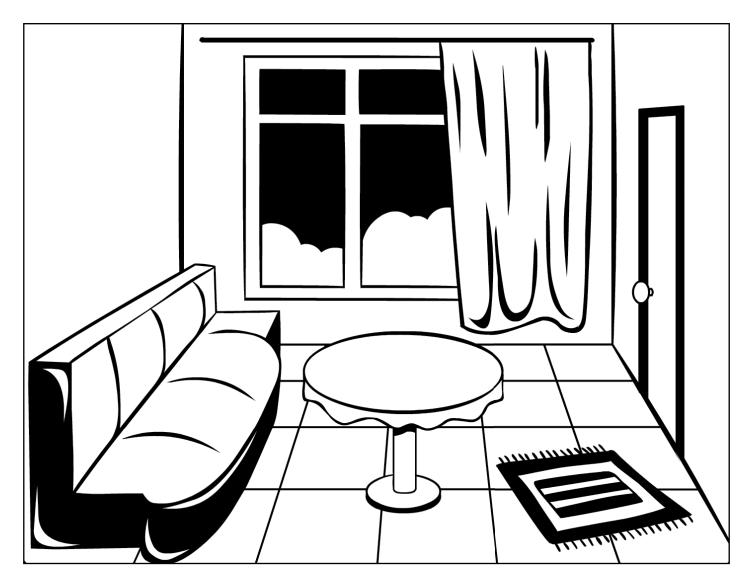
Position



4 Color the answer. Which item is:

above the circle ()?	─── ►				
above the carrot					
below the apple $O?$		\triangle	Ś		
below the banana			\bigcirc		
between the triangle Δ and the star Δ ?					

Position



5 Draw

a fishbowl on the table.
a cat on the table.
a cat on the table.
a ball on under the table.
a picture of the table.
a balloon between the table and the door.
a book on the rug.

Geometry • Grade K • Topic 3

