

Activity 2: Angles in Flags

Show your child the following web link, which shows flags from countries around the world (in alphabetical order). She will use this page to answer the questions on the "Angles in Flags" sheet.

World Flags
www.movingbeyondthepage.com/link/7741/

Answer Key:

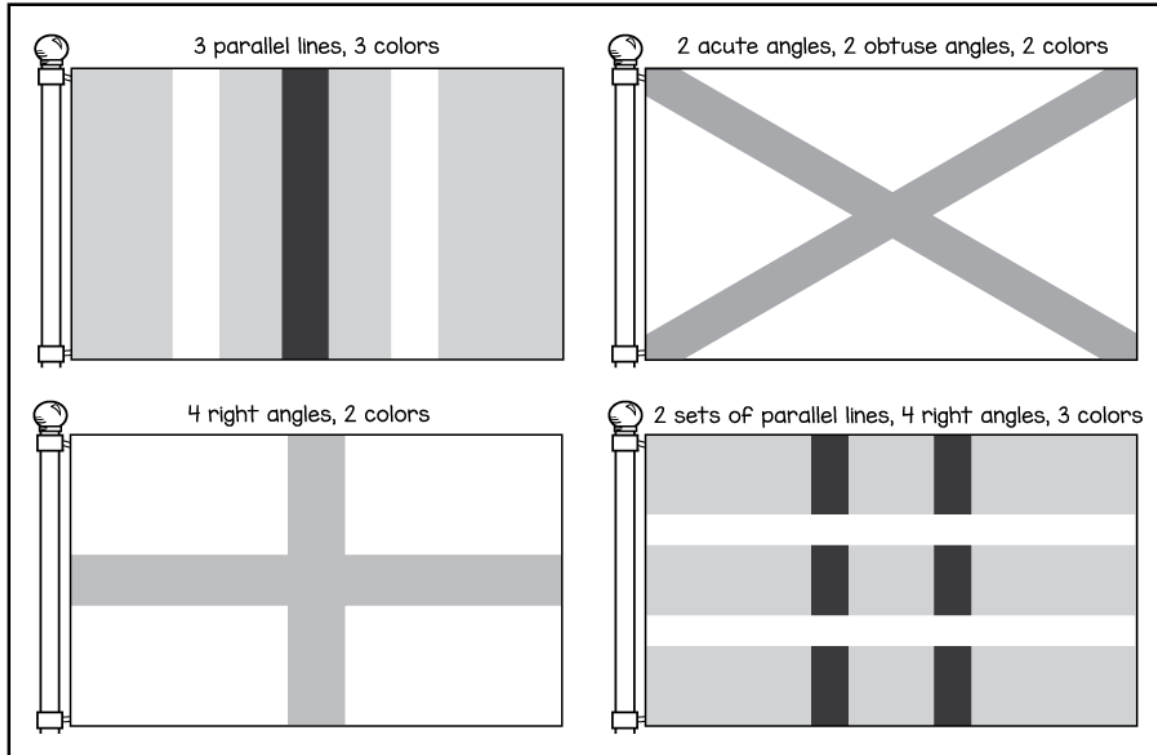
1. The flag of American Samoa includes 5 angles that are the same type. Which type are they? (acute)
2. Which type of angle does the flag of Benin include? (right)
3. How many right angles does the flag of Bhutan have? (4 or 2 — your child may interpret two of the corners as containing acute angles)
4. How many obtuse angles does the flag of the Bahamas have? (2)
5. Challenge! How many acute angles does the flag of Antigua and Barbuda have? (11 if the Sun's angles are not used, 28 if the Sun's angles are included)
6. On the flag of Jamaica, the yellow lines create 4 of what shape? (triangle)
How many acute angles does this flag have? (10)
How many obtuse angles does it have? (2)

Day 2

Activity 3: My Own Flags

Your child will use the laminated dot paper, dry-erase markers, a ruler, and the protractor to design original flags based on the instructions on the "My Own Flags" sheet. Once she designs a flag on the laminated dot paper, she can then copy it onto the activity page. As she designs each flag, encourage her to use the protractor to check the size of her angles. Once she finishes creating her flags, ask her to share them with you, and check to make sure that she included the correct elements. The answer key provides examples of flag designs that meet the requirements; your child's flags may look different and still be valid.

"My Own Flags" Answer Key



Angles in Flags

Instructions: Use the image of flags from around the world to answer the following questions. The corners of the flags count as angles.

1) The flag of American Samoa includes 5 angles that are the same type. Which type are they?

2) Which type of angle does the flag of Benin include?

3) How many right angles does the flag of Bhutan have?

4) How many obtuse angles does the flag of the Bahamas have?

5) **Challenge!** How many acute angles does the flag of Antigua and Barbuda have?

6) On the flag of Jamaica, the yellow lines create 4 of what shape?

How many acute angles does this flag have?

How many obtuse angles does it have?

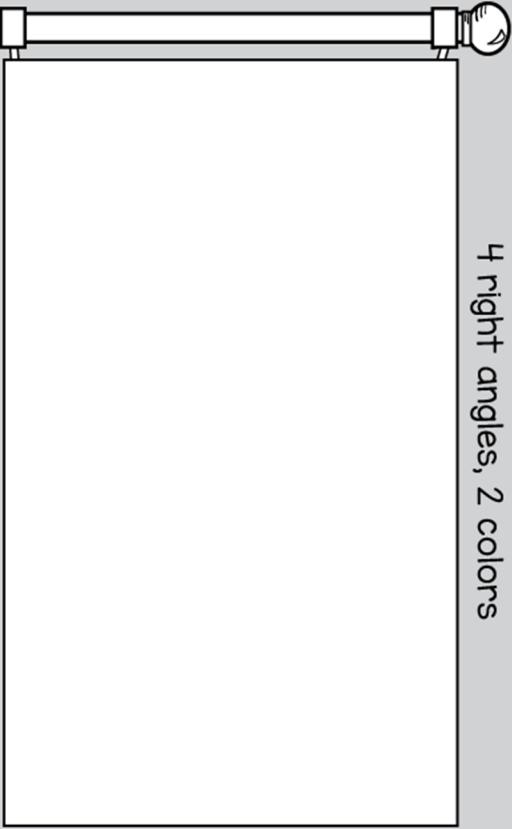
My Own Flags

Instructions: Draw and color flags that include the given requirements. Do NOT count the corners of each flag as right angles. If requirements ask for right angles, create those within your drawing.

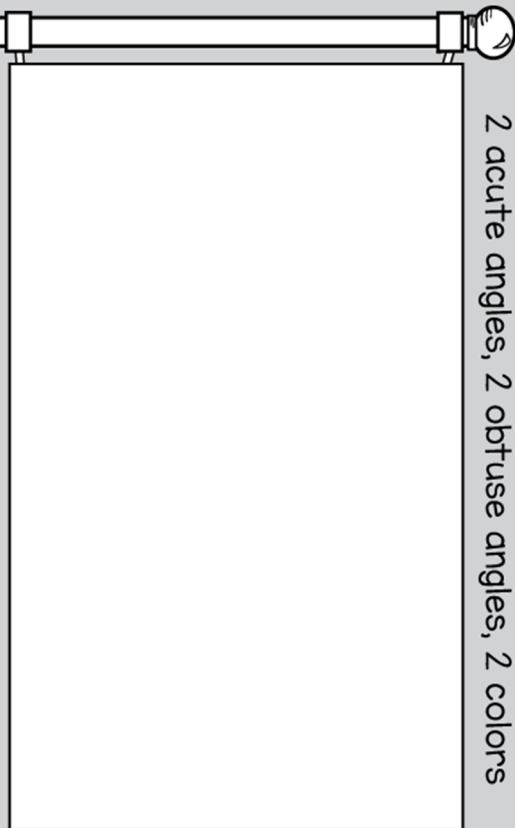
3 parallel lines, 3 colors



4 right angles, 2 colors



2 acute angles, 2 obtuse angles, 2 colors



2 sets of parallel lines, 4 right angles, 3 colors

