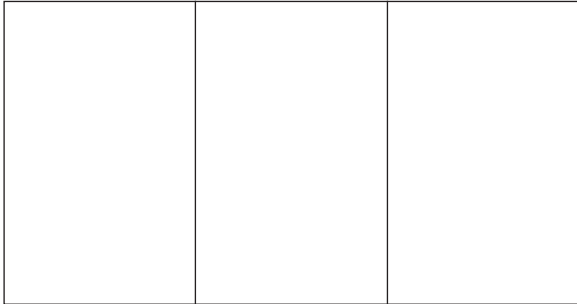


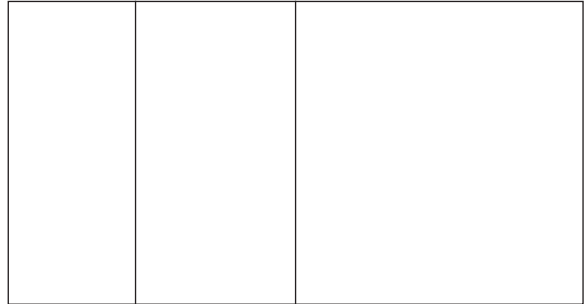
LESSON
1

FOCUS: Explore equal parts

MATERIALS: Crayons



A



B

1. Look at rectangles *A* and *B*. Each rectangle has how many parts?

Rectangle *A* _____

Rectangle *B* _____

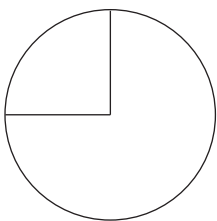
2. Are all the parts of rectangle *A* the same size? _____

Rectangle *A* has 3 **equal parts**.

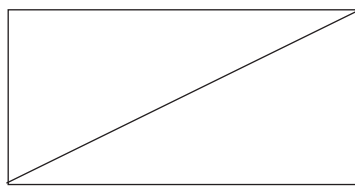
3. Are all the parts of rectangle *B* the same size? _____

Rectangle *B* does not have equal parts.

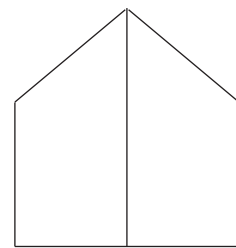
4. Circle the letter of each figure that has equal parts.



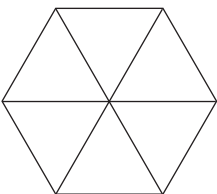
A



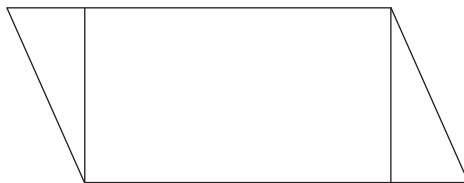
C



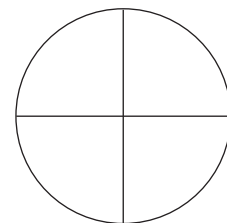
E



B

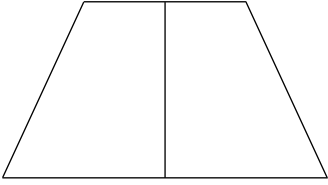


D

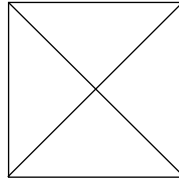


F

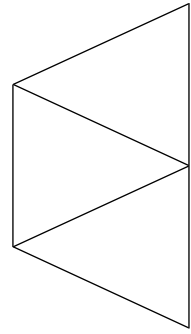
5. Write how many equal parts there are in each figure.



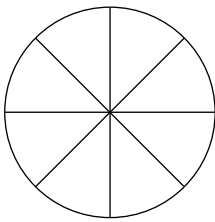
a. _____



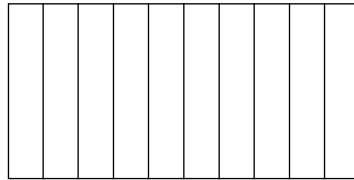
c. _____



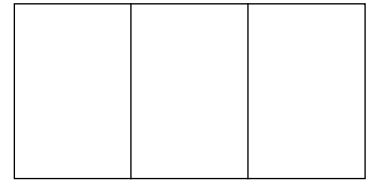
e. _____



b. _____



d. _____



f. _____

6. Draw a figure that is made of 4 equal parts. Write how you know the parts are equal.

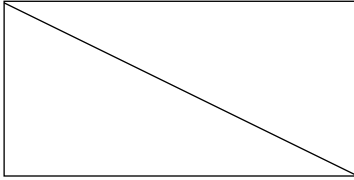


LESSON
2

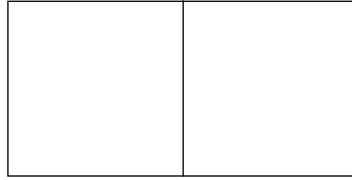
FOCUS: Identify one half of a figure

MATERIALS: Crayons, ruler

1. Look at these figures.



A



B



C

- Does each figure have equal parts? _____
- How many equal parts are there in each figure? _____

If a figure has two equal parts, each part is **one half** of the figure.

- Colour one half of figure A above. How many parts did you colour? _____
- How many equal parts are in the figure? _____

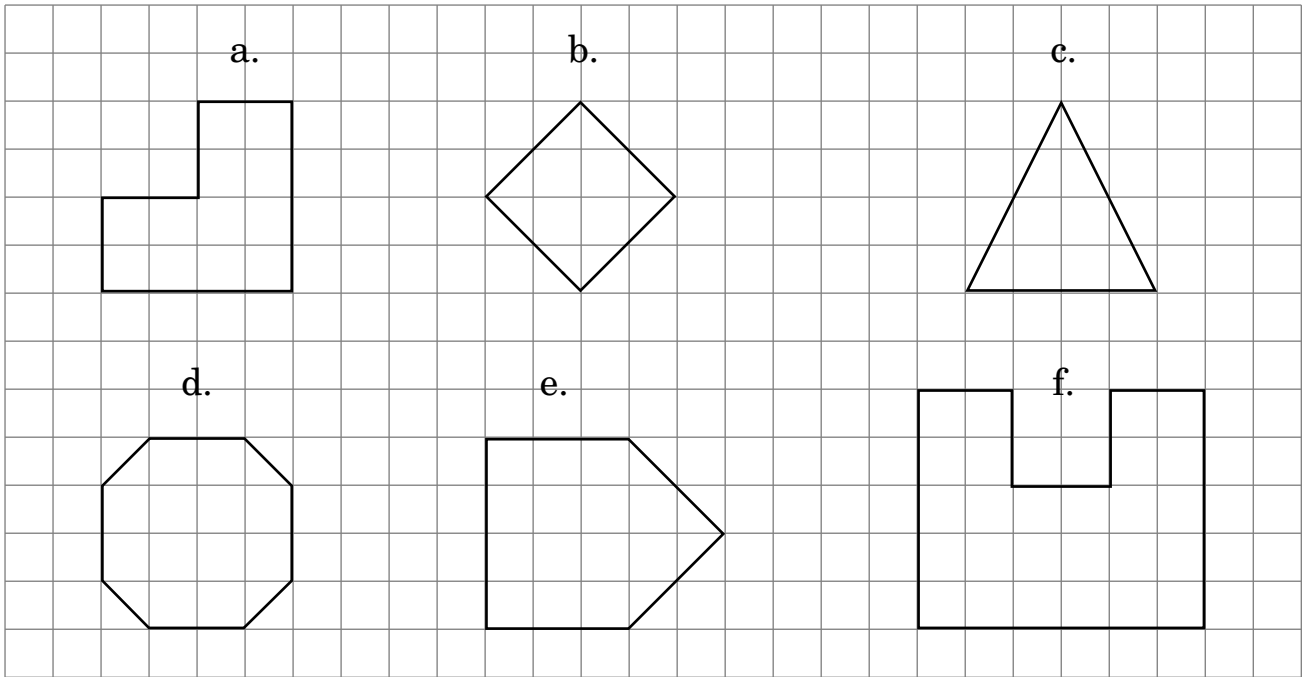
You coloured 1 out of 2 equal parts. This can be written as a **fraction**.

$$\frac{1}{2}$$

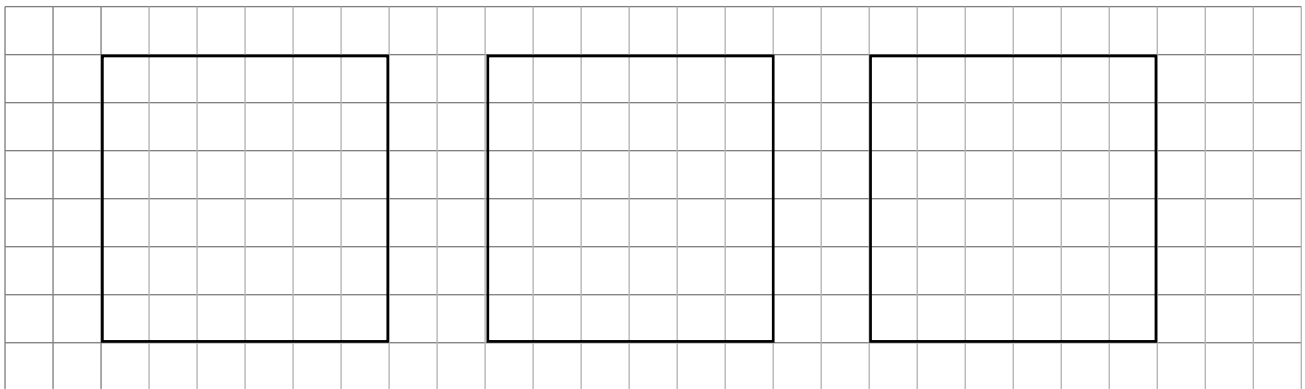
(number of parts coloured)
(number of equal parts)

- Now colour one half of figure B and one half of figure C.
- How are all three rectangles the same? How are they different?

6. Draw lines to make two equal parts. Colour $\frac{1}{2}$ of each figure.



7. Colour $\frac{1}{2}$ of each square. Show $\frac{1}{2}$ of each square in a different way.



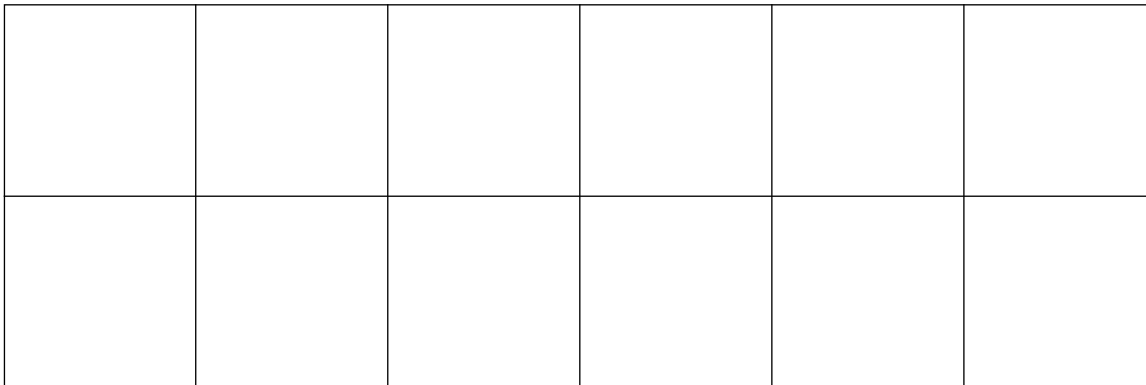
8. How do you know that you coloured one half of each square in problem 7?

LESSON
3

FOCUS: Work with one half of a number

MATERIALS: Tiles, crayons

1. Cover one half of the **rectangle** with green tiles and the other half with blue tiles.



2. How many tiles are there in all? _____
3. How many tiles are green? _____
4. How many tiles are blue? _____
5. Are there more green tiles? _____
6. Are there more blue tiles? _____
7. Remove the green tiles. Then colour these **squares** green.
8. Remove the blue tiles. Then colour these squares blue.
9. What is one half ($\frac{1}{2}$) of 12? _____ How do you know?
