



**THIRD SPACE
LEARNING**

Word Problems

11 fractions and decimals
questions to develop reasoning
and problem solving skills

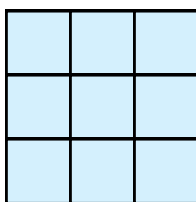
Grade 2

Questions

Name:

Date:

- 1 The square below is shown in equal smaller squares.

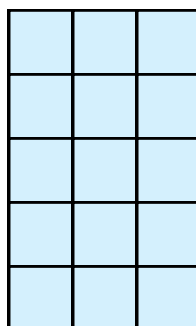


a Are the number of rows and columns equal?

b How many rows are there?

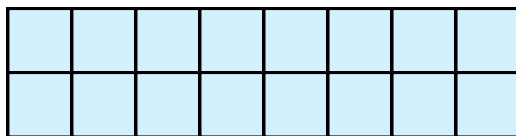
c How many columns are there?

- 2 The rectangle below is shown in equal squares. How many equal squares are there?



Answer

- 3 The rectangle below is shown in equal smaller squares.

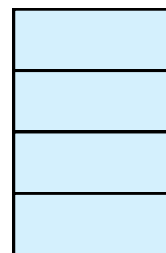


Write TRUE or FALSE for each statement below:

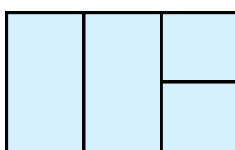
- a The number of rows and columns are equal.
- b The figure is a rectangle.
- c There are more rows than columns.
- d There are more columns than rows.

- 4 Danny took a rectangle and divided it into equal shares.

Each share is of the whole.

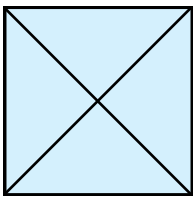


- 5 Karen divided the rectangle into 4 parts. Are the 4 parts equal shares?



Answer

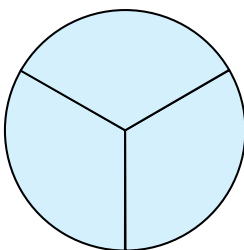
6



a Does the figure show equal parts?

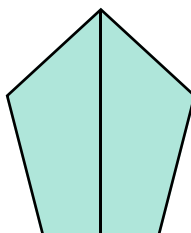
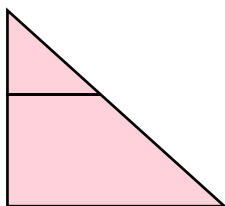
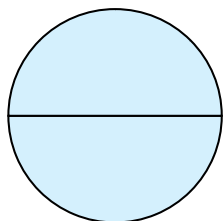
b One part is what share of the whole?

7 The circle is cut into equal shares. What is the name of each equal share of the whole?

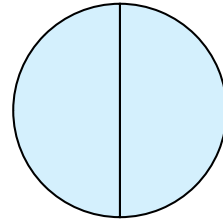
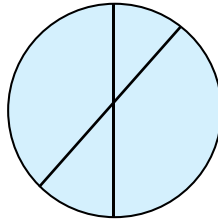
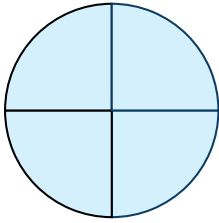


Answer

8 Sammy decides to divide the figure into two equal shares. Which figures below could represent the figure Sammy divided?

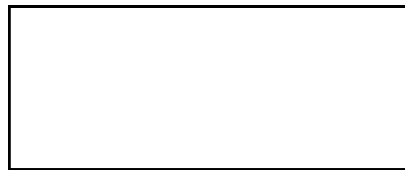


- 9 Select the circle that shows equal fourths. Explain why you circled the one that you did.



Answer

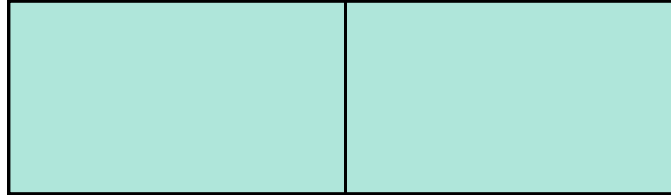
- 10 Billy says there is only one way to divide the rectangle below into 3 equal shares. Is he correct? Use words and pictures to explain.



Answer

Challenge Question!

Carla has a rectangular yard that she divided into two equal parts.

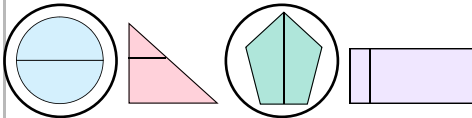
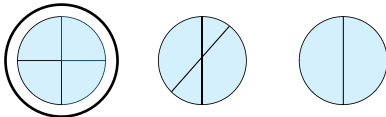
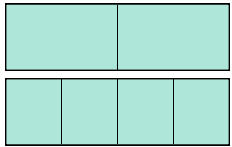


Suppose Carla wanted to divide the yard into 3 equal parts instead of 2 equal parts. Would each part be smaller than they are now? Explain your answer using words or pictures.

Answer

Answers

Question number	Question	Answers	Standard
1	The square below is shown in equal smaller squares. a) Are the number of rows and columns equal? b) How many rows are there? c) How many columns are there?	a) Yes the number of rows and columns are equal b) There are 3 rows c) There are 3 columns	2.G.A.2
2	The rectangle below is shown in equal squares. How many equal squares are there?	There are 15 equal squares	2.G.A.2
3	Write TRUE or FALSE for each statement below: a) The number of rows and columns are equal. b) The figure is a rectangle. c) There are more rows than columns. d) There are more columns than rows.	a) False b) True c) False d) True	2.G.A.2
4	Danny took a rectangle and divided it into equal shares. Each share is ? of the whole.	Each share is a fourth of the whole.	2.G.A.3
5	Karen divided the rectangle into 4 parts. Are the 4 parts equal shares?	The four parts are not equal shares.	2.G.A.3
6	a) Does the figure show equal parts? b) One part is what share of the whole?	a) Yes the figure shows equal parts b) One part is one-fourth of the whole	2.G.A.3

Question number	Question	Answers	Standard
7	The circle is cut into equal shares. What is the name of each equal share of the whole?	Each equal share of the whole is a third.	2.G.A.3
8	Sammy decides to divide the figure into two equal shares. Which figures below could represent the figure Sammy divided?	 The circled figures are the one Sammy could have divided.	2.G.A.3
9	Select the circle that shows equal fourths. Explain why you circled the one that you did.	 This was the only figure that shows 4 equal fourths. The other figure divided into fourths did not have equal fourths.	2.G.A.3
10	Billy says there is only one way to divide the rectangle below 3 equal shares. Is he correct? Use words and pictures to explain.	There are two ways to divide the rectangle into 3 equal share.	2.G.A.3
Challenge Question	Carla has a rectangular yard that she divided into two equal parts. (see diagram) Suppose Carla wanted to divide the yard into 3 equal parts instead of 2 equal parts. Would each part be smaller than they are now? Explain your answer using words or pictures.	The more equal parts you divide a figure into, the smaller each of the parts are. 	2.G.A.3

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