

Year 2 – Spring Block 4 – Fractions – Make Equal Parts

About This Resource:

This PowerPoint has been designed to support your teaching of this small step. It includes a starter activity and an example of each question from the Varied Fluency and Reasoning and Problem Solving resources also provided in this pack. You can choose to work through all examples provided or a selection of them depending on the needs of your class.

National Curriculum Objectives:

Mathematics Year 2: (2F1a) [Recognise, find, name and write fractions \$1/3\$, \$1/4\$, \$2/4\$ and \$3/4\$ of a length, shape, set of objects or quantity](#)

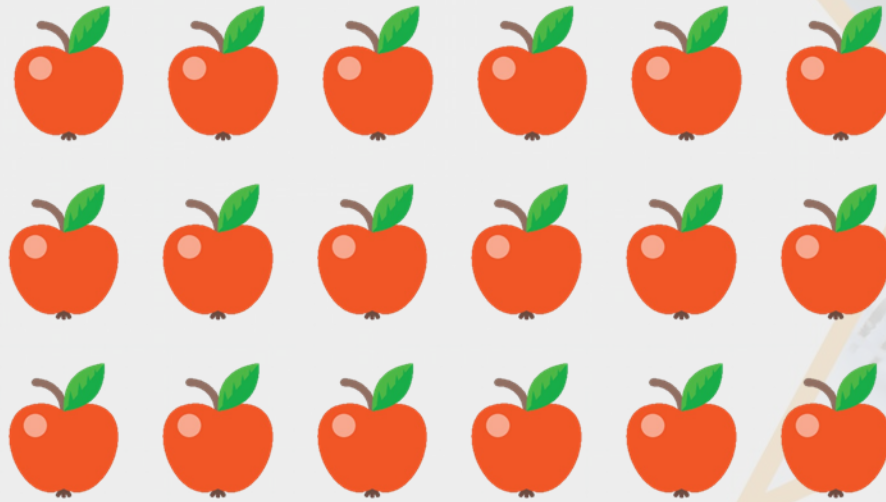
More [Year 2 Fractions](#) resources.

Did you like this resource? Don't forget to [review](#) it on our website.

Step 1: Make Equal Parts

Introduction

Complete the questions below.



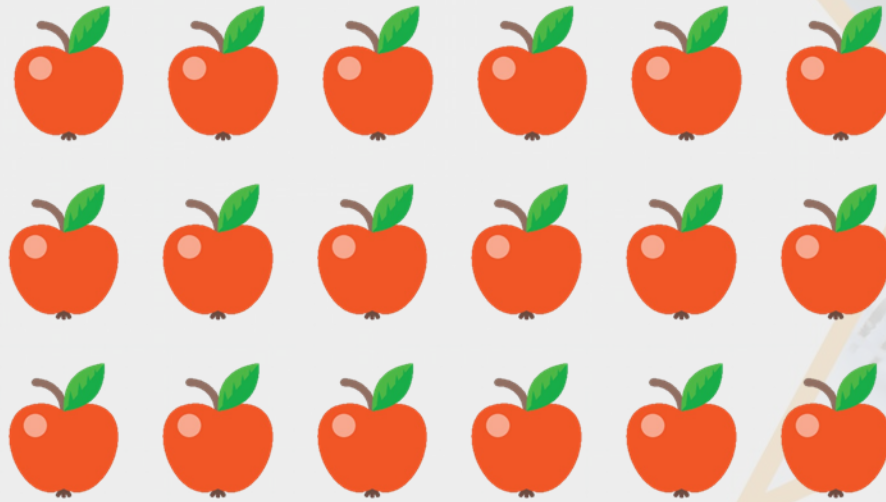
A) How many apples are there altogether?

B) If the apples were divided into 2 equal parts, how many would be in each part?

C) If the apples were divided into 3 equal parts, how many would be in each part?

Introduction

Complete the questions below.



A) How many apples are there altogether? **18**

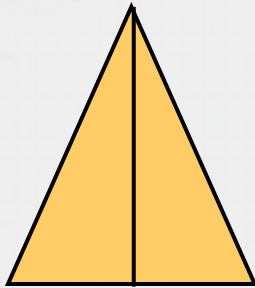
B) If the apples were divided into 2 equal parts, how many would be in each part? **9**

C) If the apples were divided into 3 equal parts, how many would be in each part? **6**

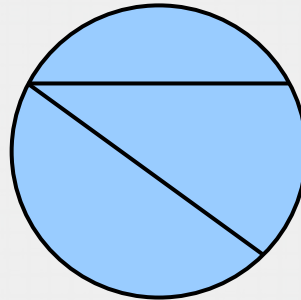
Varied Fluency 1

Tick the shapes below that are divided into equal parts.

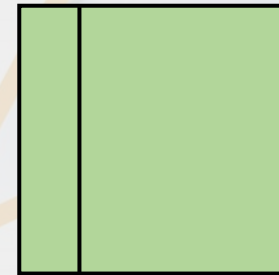
A.



B.



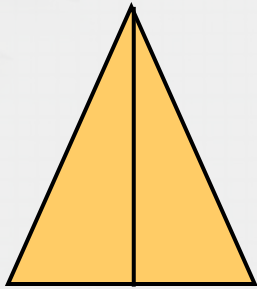
C.



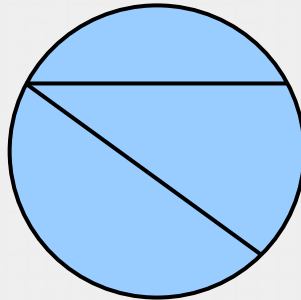
Varied Fluency 1

Tick the shapes below that are divided into equal parts.

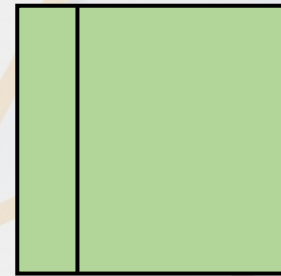
A.



B.



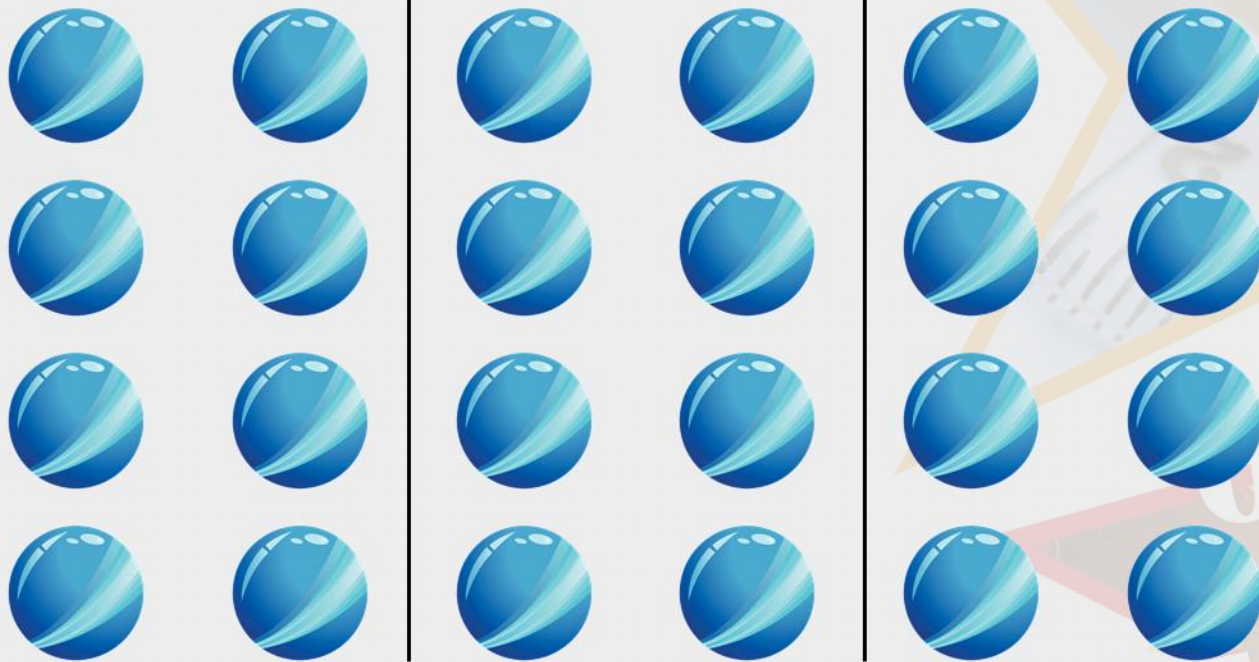
C.



Shape A

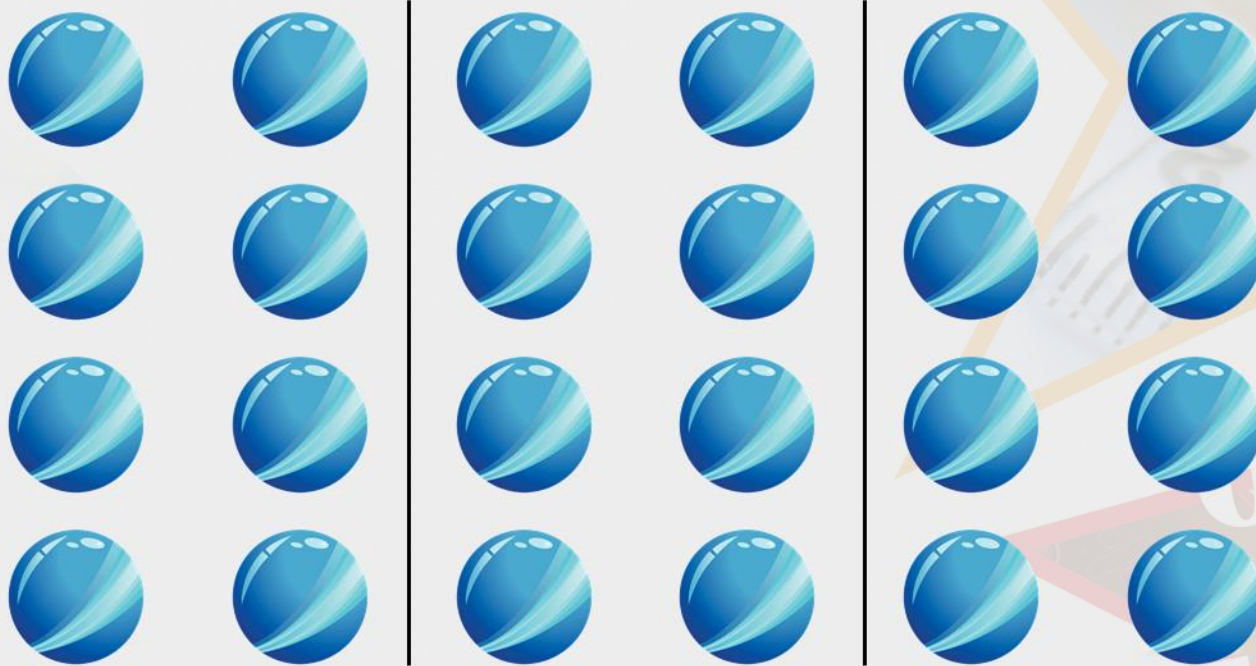
Varied Fluency 2

How many equal groups are the marbles split into?



Varied Fluency 2

How many equal groups are the marbles split into?

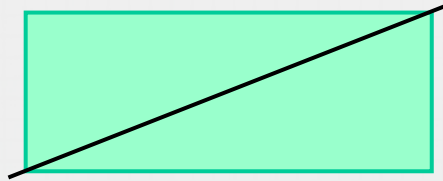


3 equal parts

Varied Fluency 3

Are the shapes split into equal or unequal parts?

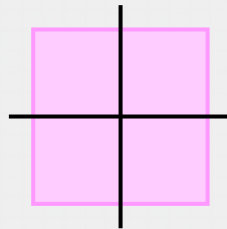
A.



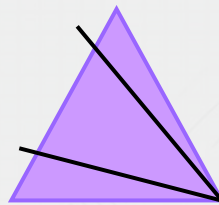
Equal

Unequal

B.

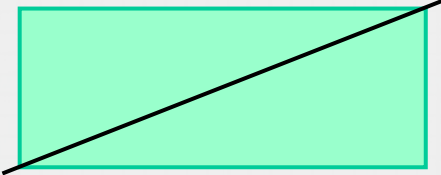
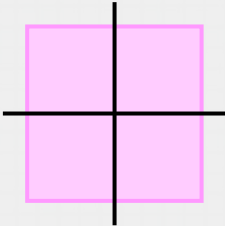
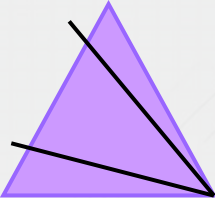


C.



Varied Fluency 3

Are the shapes split into equal or unequal parts?

		Equal	Unequal
A.		<input checked="" type="checkbox"/>	<input type="checkbox"/>
B.		<input checked="" type="checkbox"/>	<input type="checkbox"/>
C.		<input type="checkbox"/>	<input checked="" type="checkbox"/>

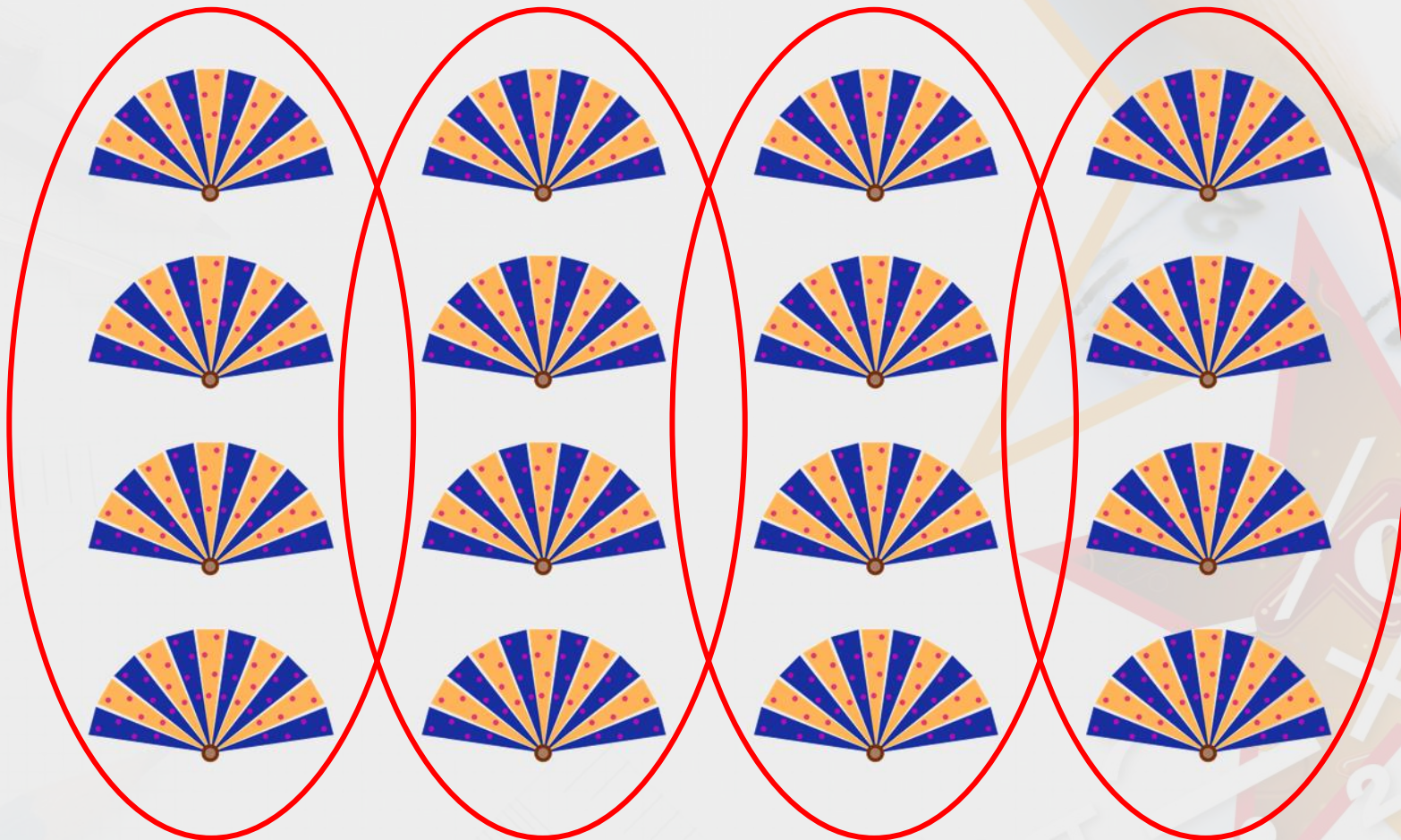
Varied Fluency 4

Divide the fans into 4 equal groups by circling each group.



Varied Fluency 4

Divide the fans into 4 equal groups by circling each group.



The fans could be split vertically (as shown above) or horizontally.

Reasoning 1

Evie thinks that if she divides the eggs into 4 equal groups, there will be 7 in each group.



Is Evie correct? Explain why.

Reasoning 1

Evie thinks that if she divides the eggs into 4 equal groups, there will be 7 in each group.

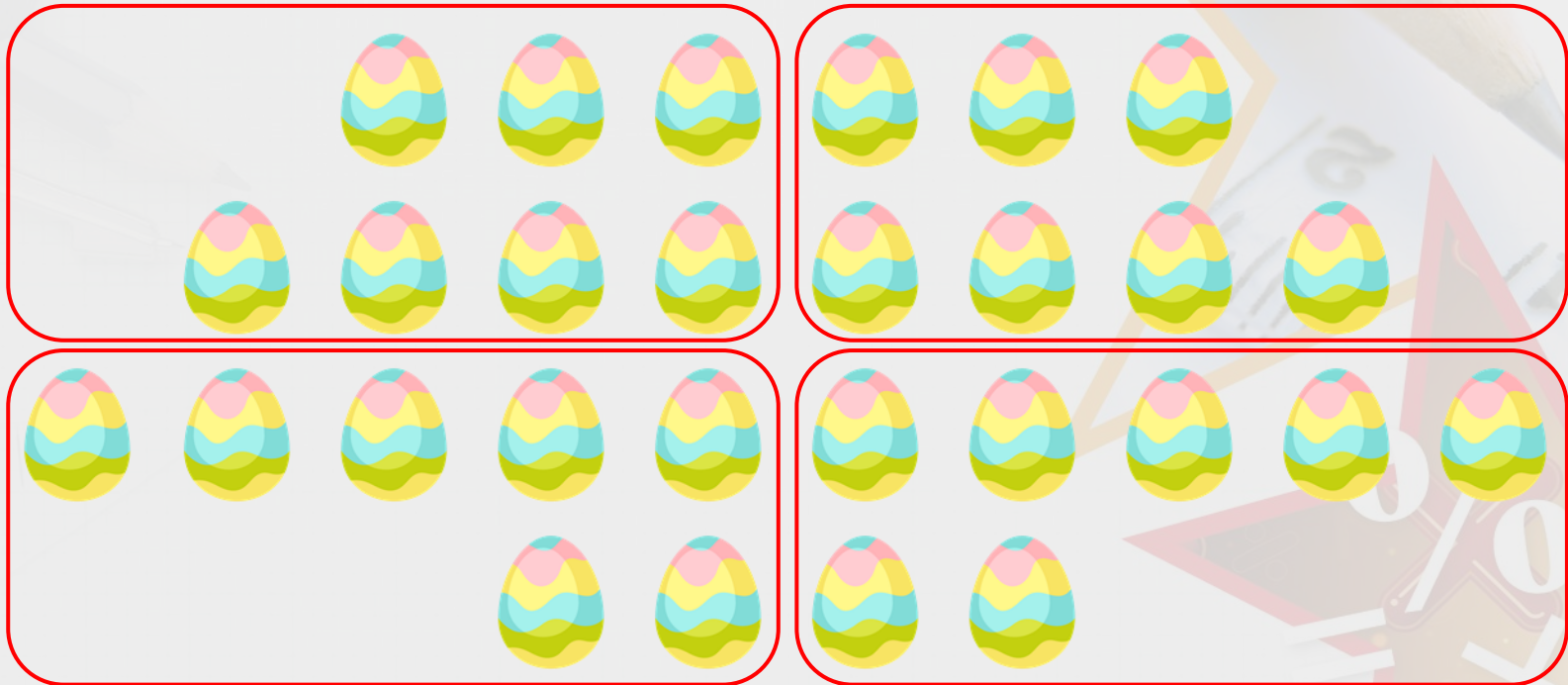


Is Evie correct? Explain why.

Evie is correct because...

Reasoning 1

Evie thinks that if she divides the eggs into 4 equal groups, there will be 7 in each group.

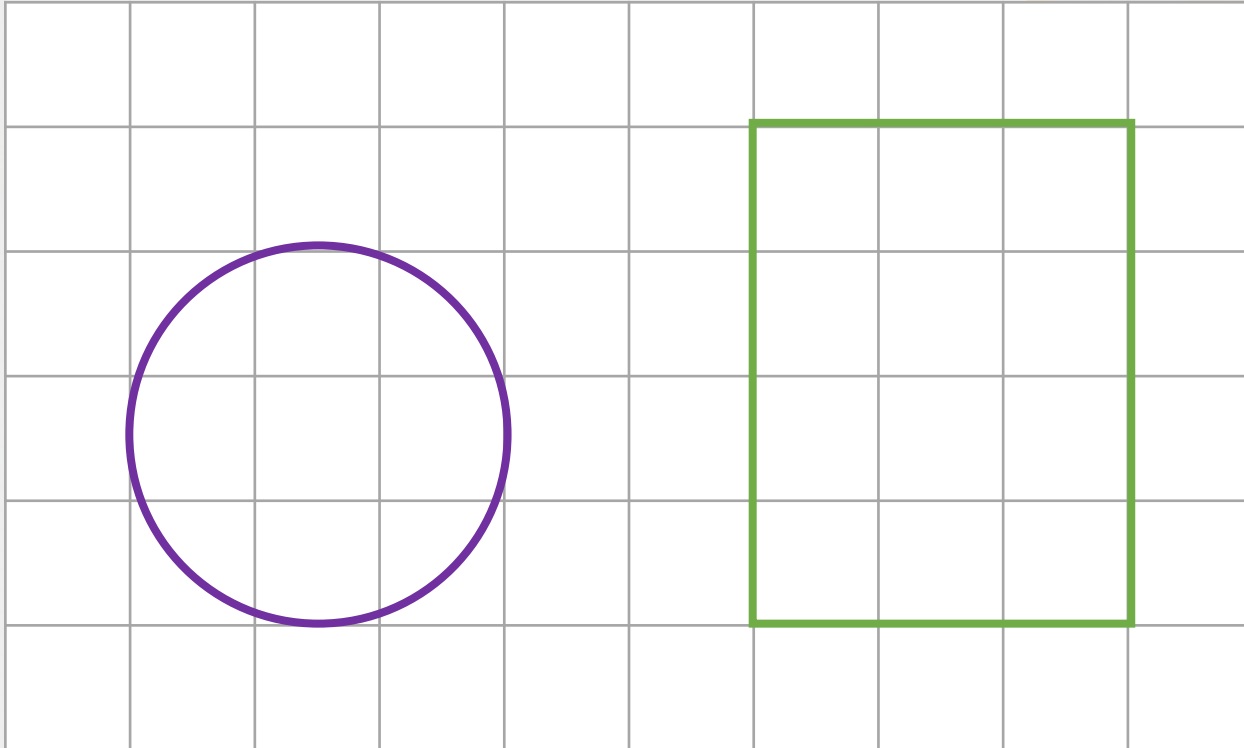


Is Evie correct? Explain why.

Evie is correct because 28 eggs shared into 4 equal groups is 7.

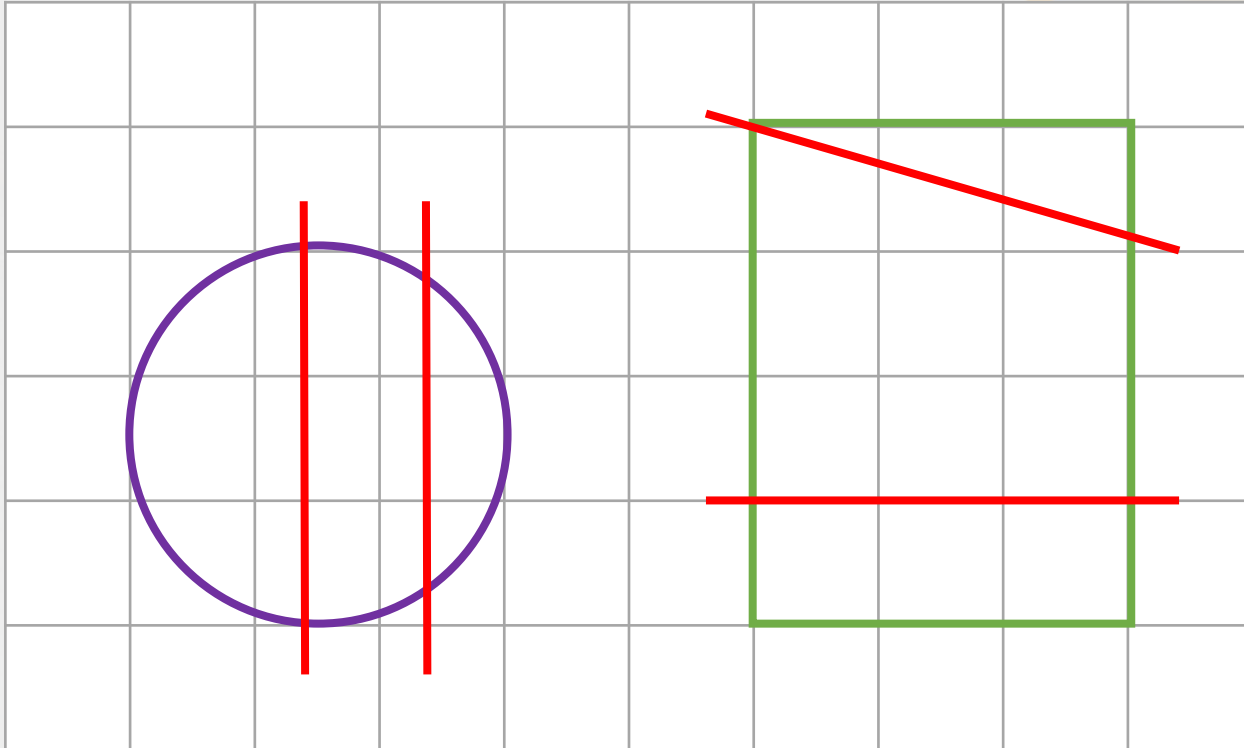
Problem Solving 1

Divide the shapes below into 3 unequal parts.



Problem Solving 1

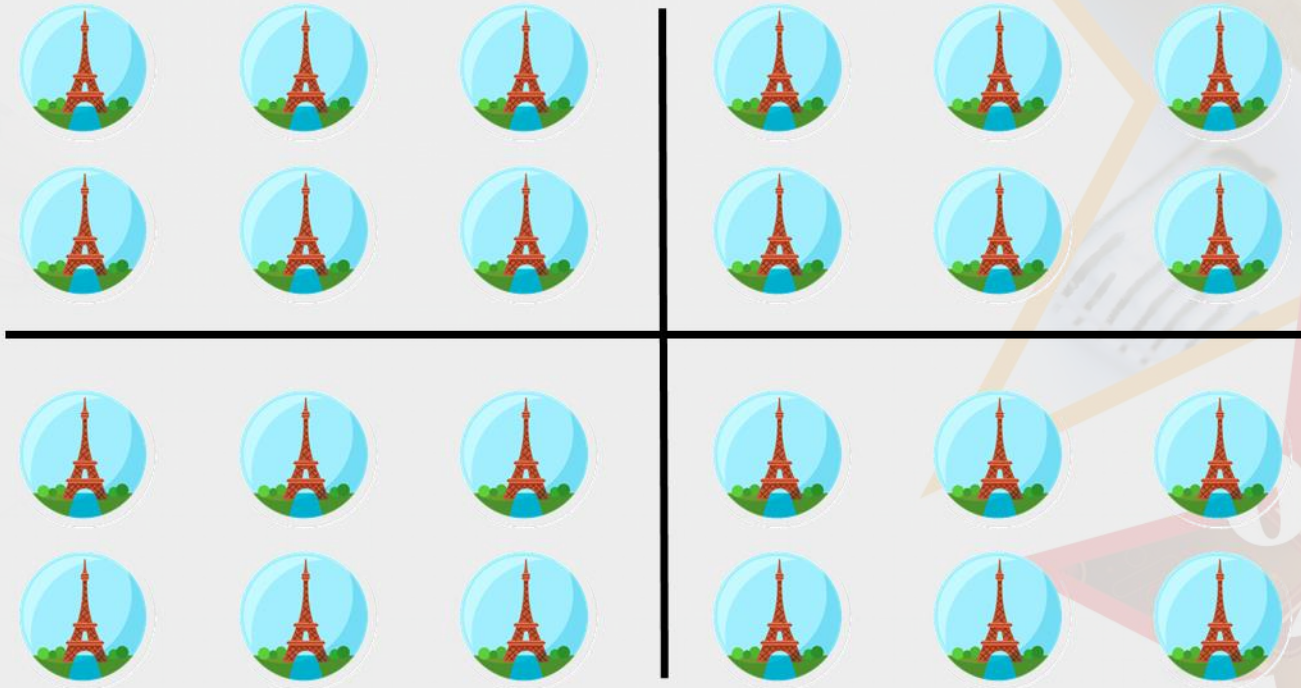
Divide the shapes below into 3 unequal parts.



Various answers. One example is shown above.

Reasoning 2

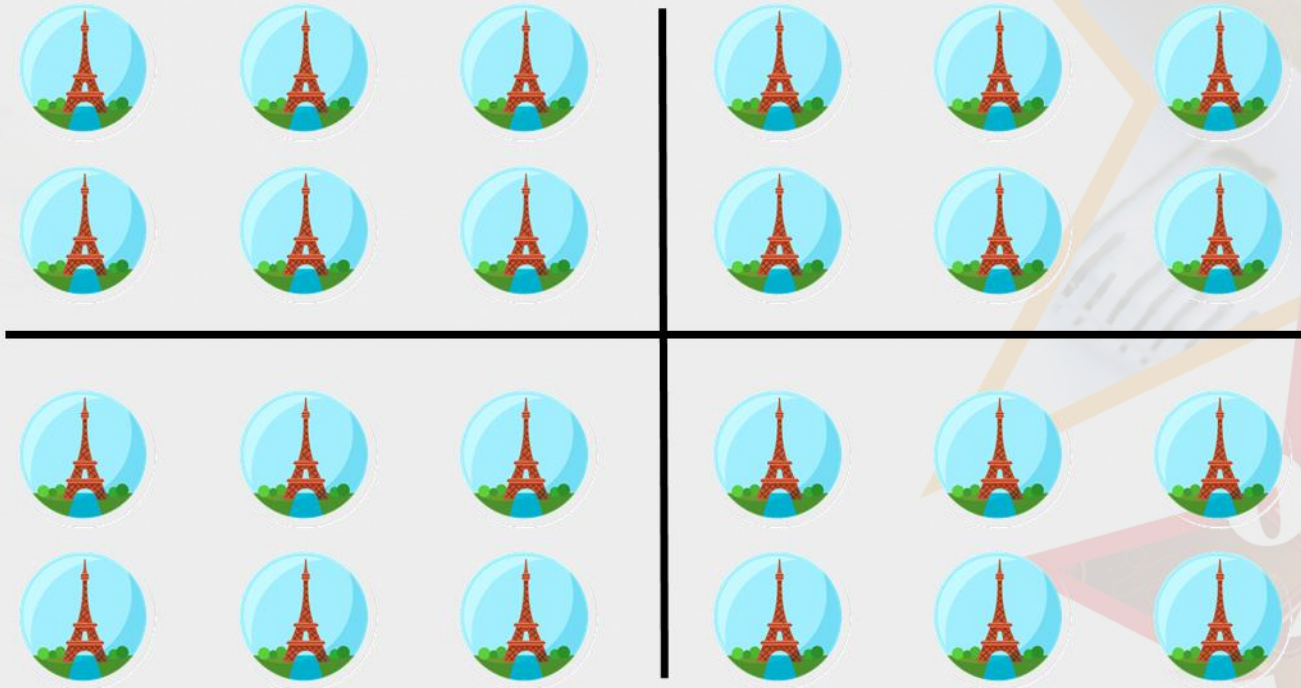
True or false? All the groups are equal.



Prove it.

Reasoning 2

True or false? All the groups are equal.

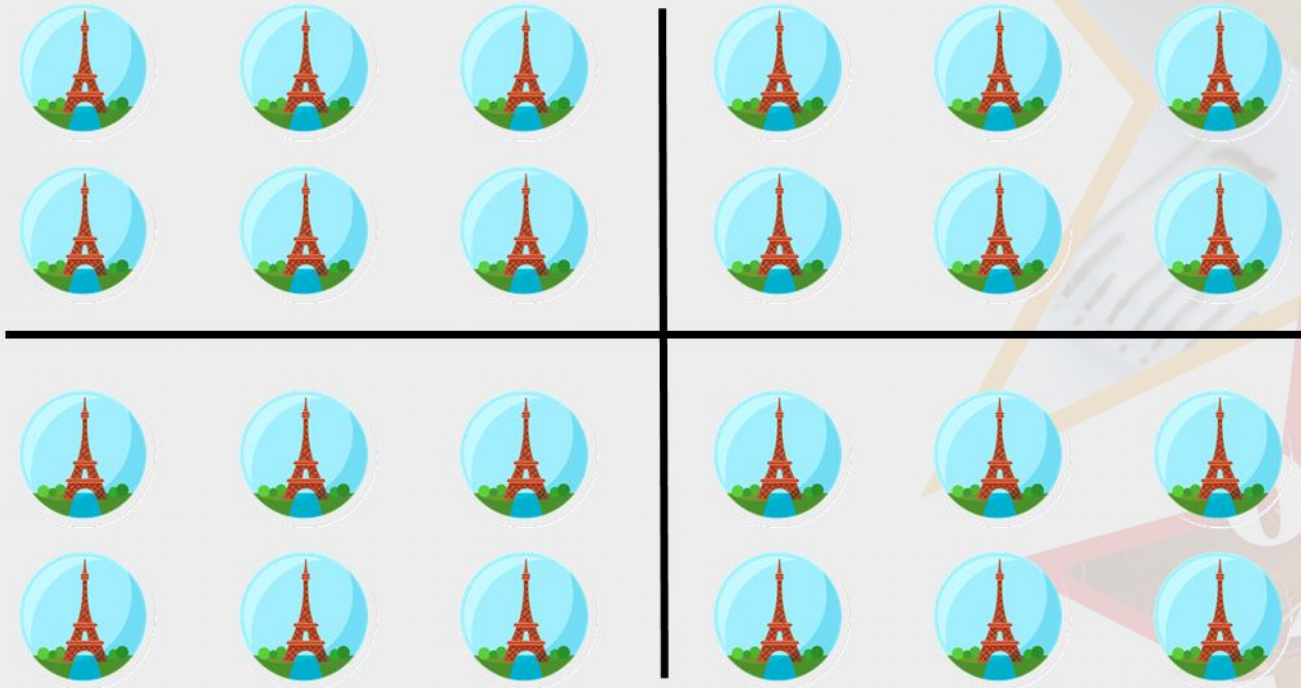


Prove it.

True because...

Reasoning 2

True or false? All the groups are equal.



Prove it.

True because there are 6 fridge magnets in each group.