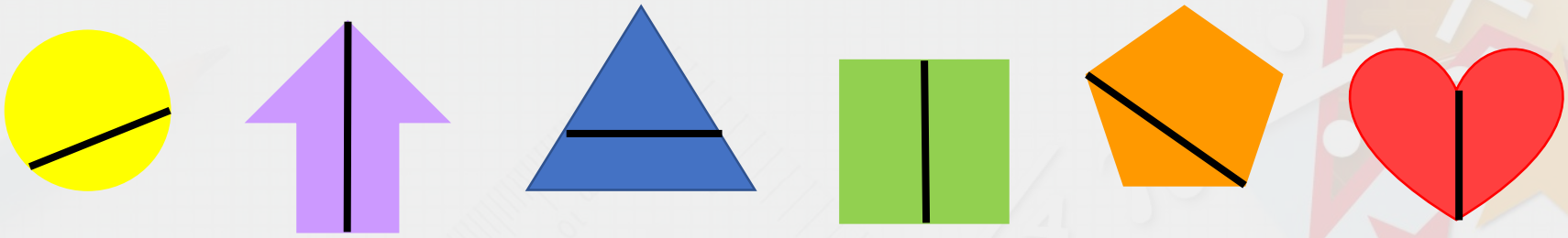
Step 2: Halving a Quantity

Introduction

Sort the shapes.

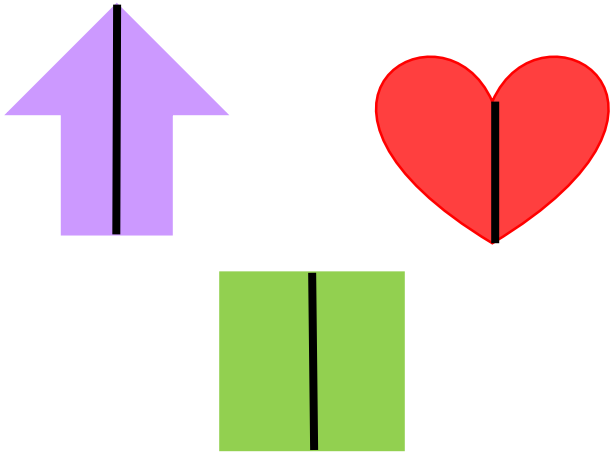
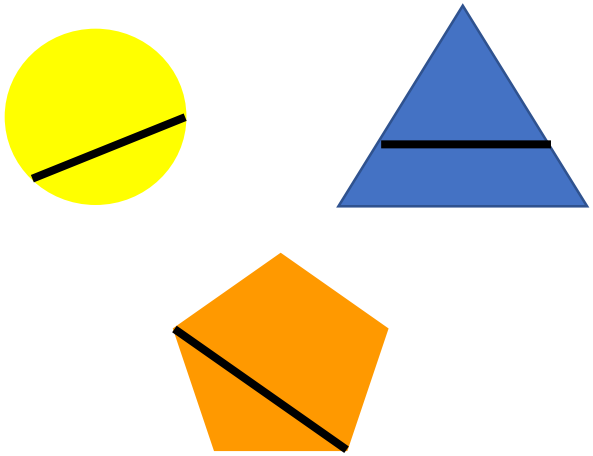
Half	Not a Half

How will you decide where each shape should go?



Introduction

Sort the shapes.

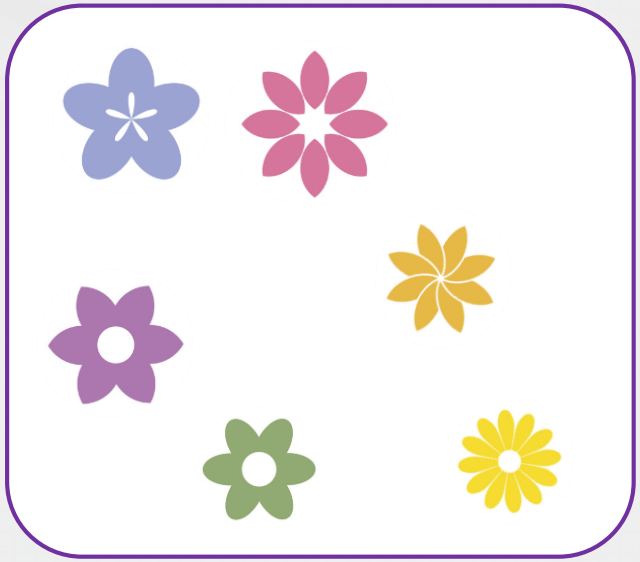
Half	Not a Half
	

How will you decide where each shape should go?

Each shape must be split into 2 equal parts.

Varied Fluency 1

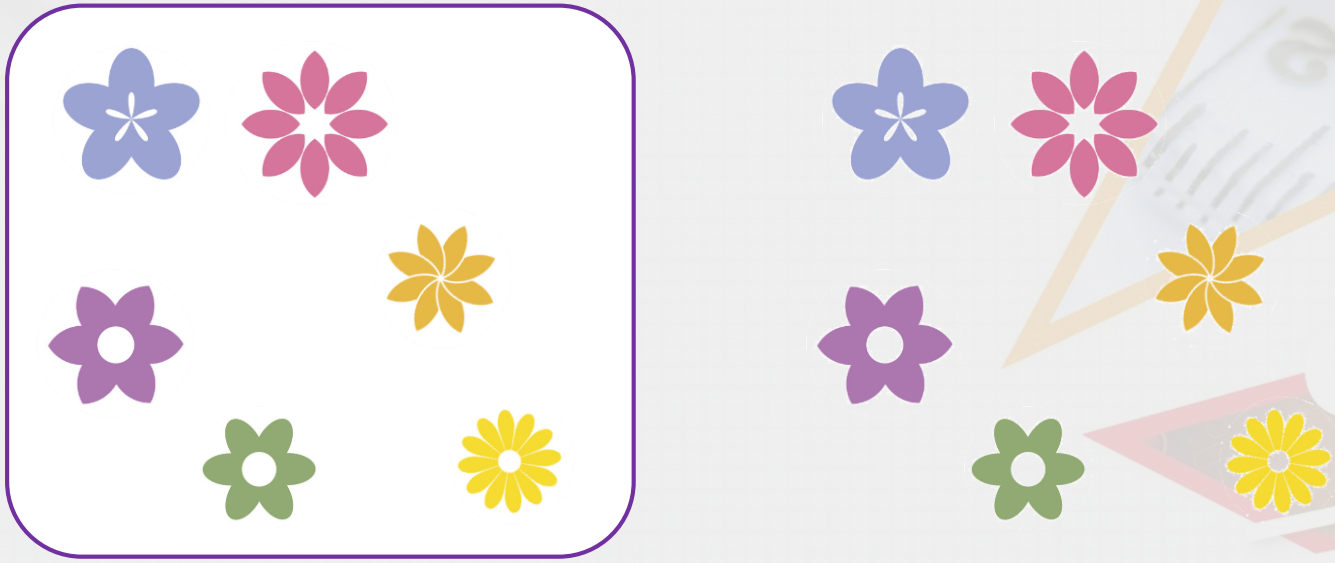
Complete the statement based on the picture below:



Half of _____ is _____.

Varied Fluency 1

Complete the statement based on the picture below:



Half of 12 **is** 6 **.**

Varied Fluency 2

I am thinking of a number.

Half of the number is an odd number between 6 and 8.

What number am I thinking of?

Varied Fluency 2

I am thinking of a number.

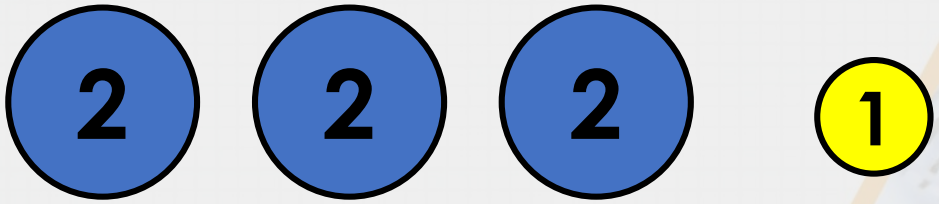
Half of the number is an odd number between 6 and 8.

What number am I thinking of?

14

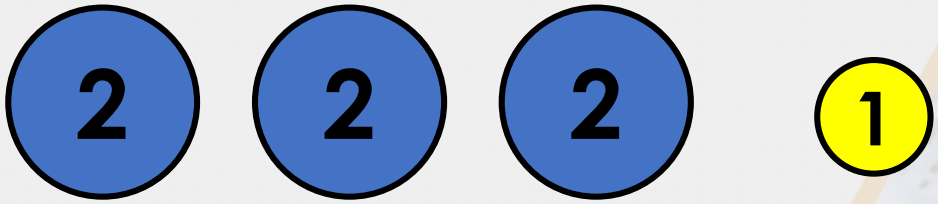
Varied Fluency 3

Here is half. What is the total?



Varied Fluency 3

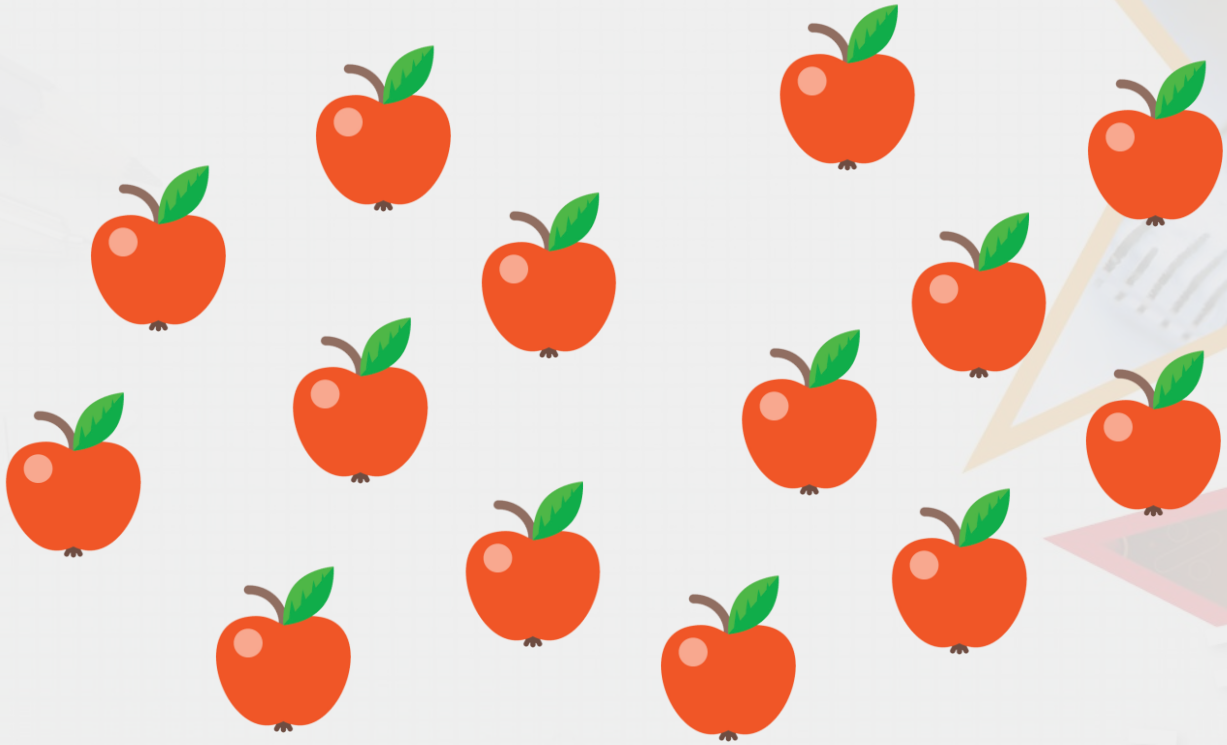
Here is half. What is the total?



This is 7, so the total is 14.

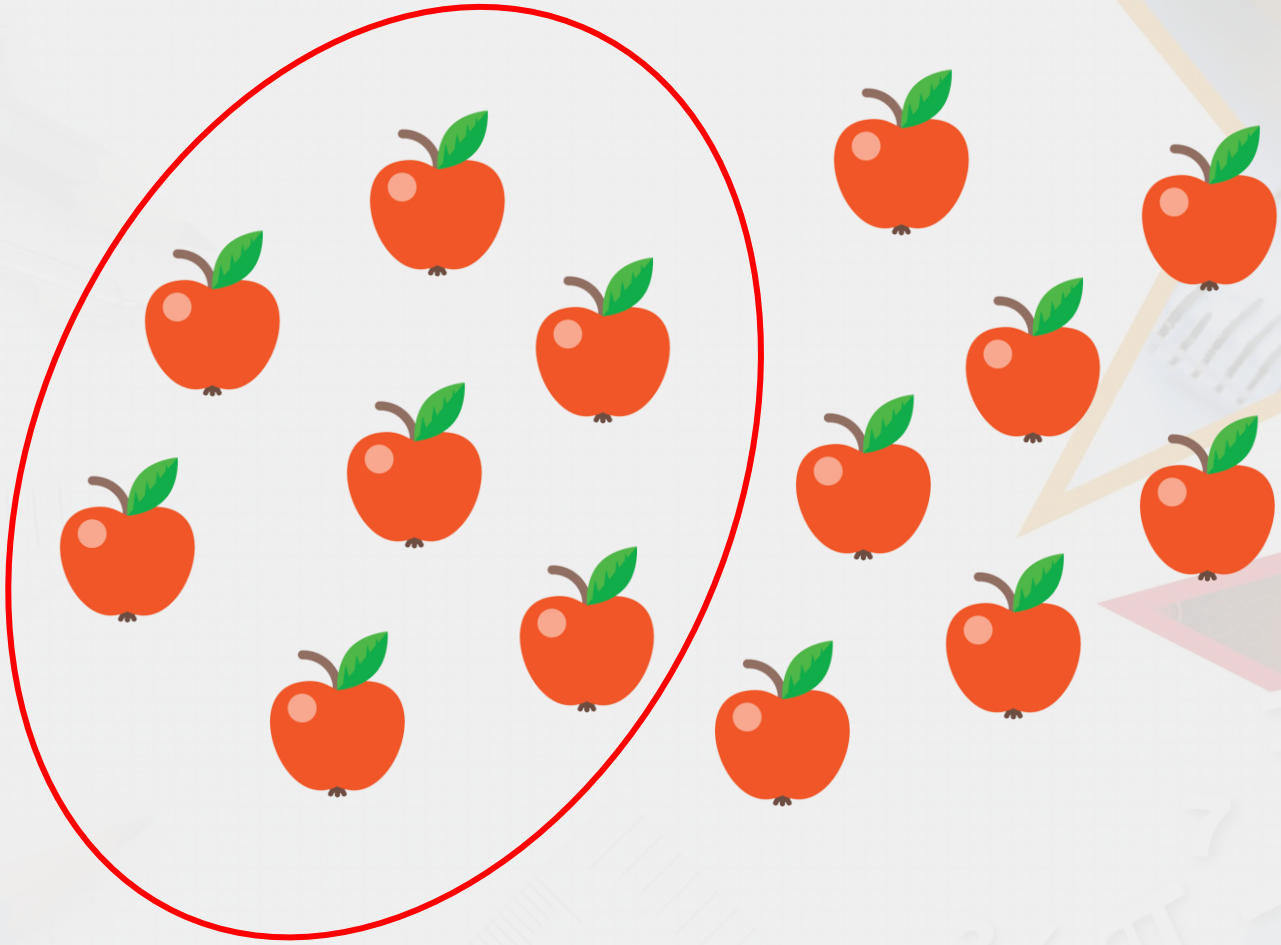
Varied Fluency 4

Circle half of the apples.



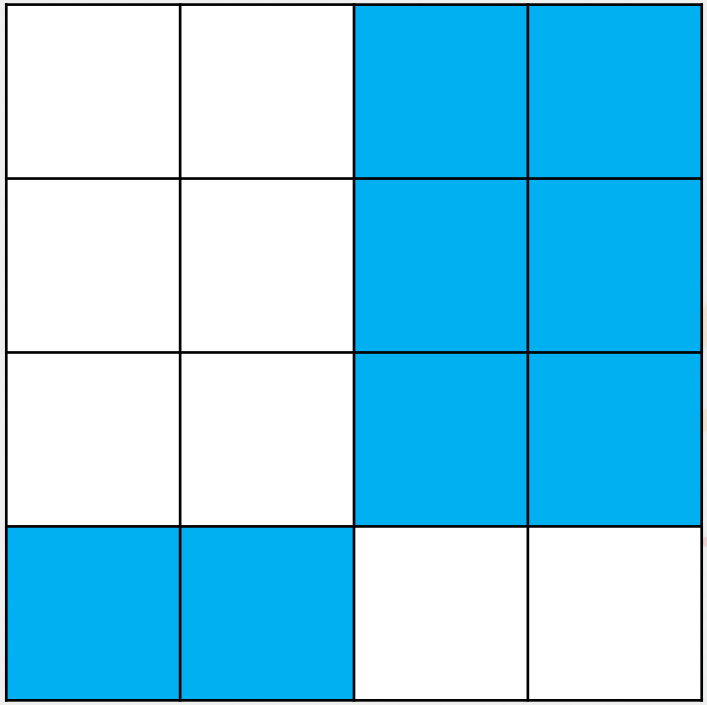
Varied Fluency 4

Circle half of the apples.



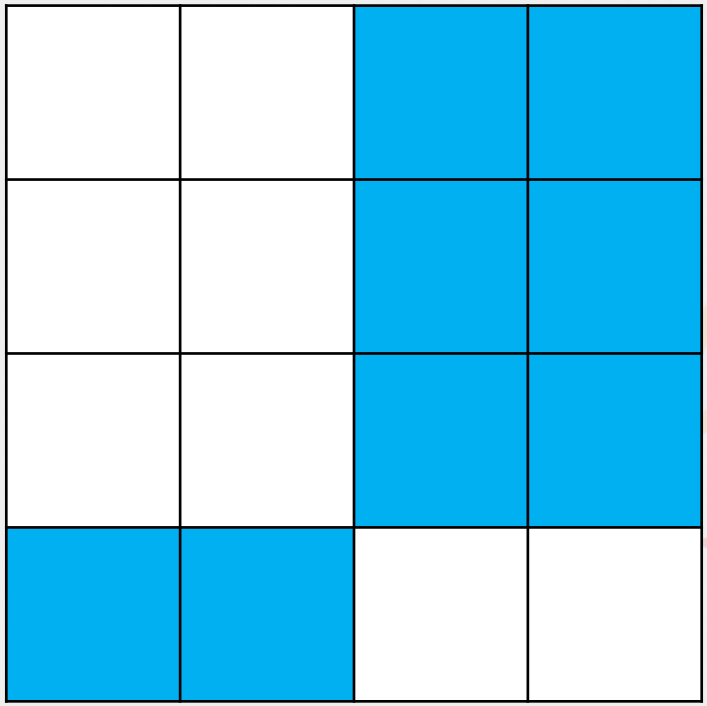
Reasoning 1

Reece thinks he has coloured in half of the squares.
Do you agree?



Why or why not?

Reece thinks he has coloured in half of the squares.
Do you agree?

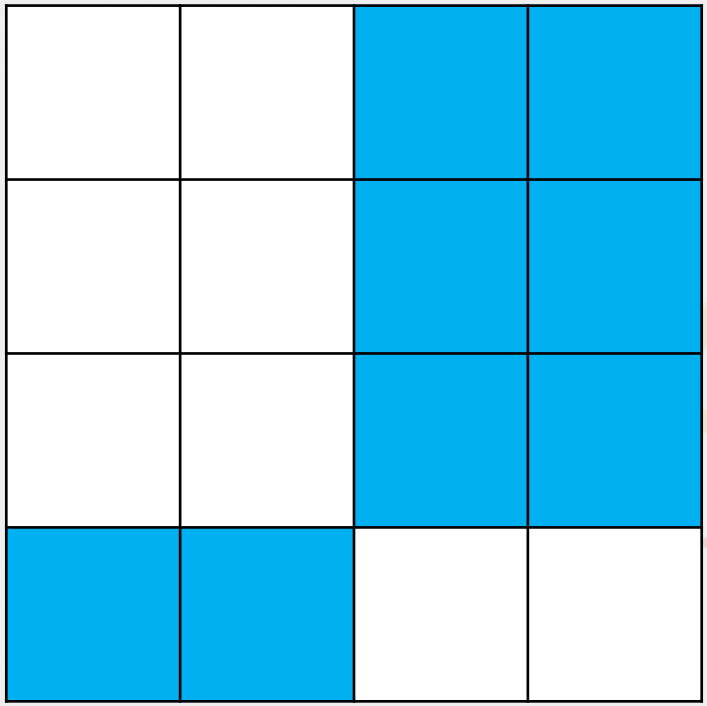


Why or why not?

Reece is correct because…

Reasoning 1

Reece thinks he has coloured in half of the squares.
Do you agree?

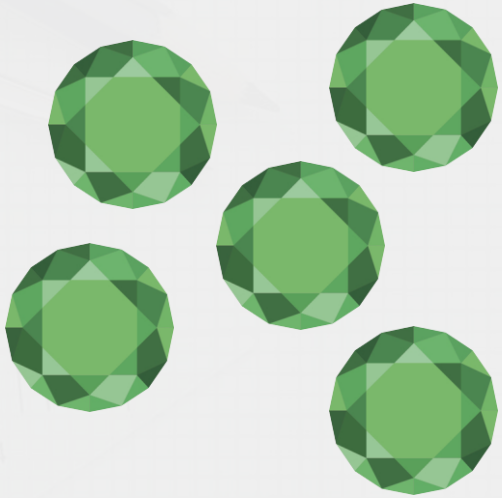


Why or why not?

Reece is correct because he has coloured 8 out of 16 squares.

Reasoning 2

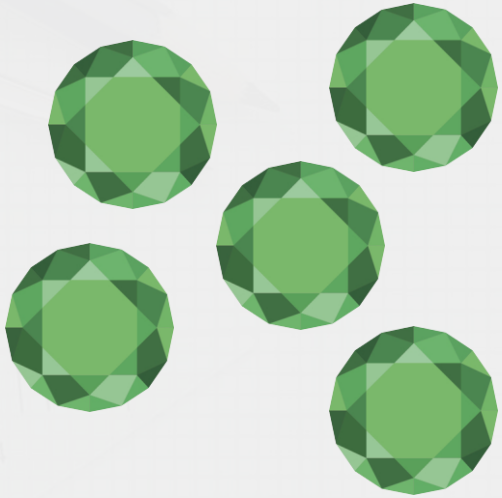
These jewels have been halved incorrectly.
How many should be in each group?



Explain how you got your answer.

Reasoning 2

These jewels have been halved incorrectly.
How many should be in each group?

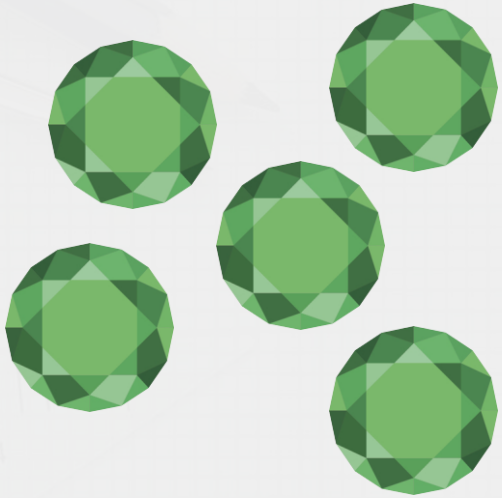


Explain how you got your answer.

There are _____ jewels in total, so there should be _____ jewels in each group.

Reasoning 2

These jewels have been halved incorrectly.
How many should be in each group?



Explain how you got your answer.

There are 12 jewels in total, so there should be 6 jewels in each group.

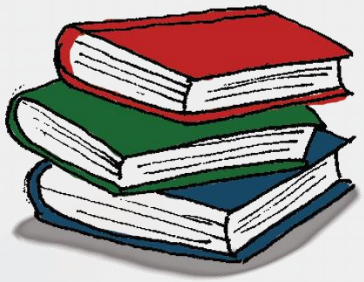
Problem Solving 1

Ayesha has read half of the books in her class library.

There are 16 books in her class library.

How many books has she read?

Use counters or draw a picture to help you.



Problem Solving 1

Ayesha has read half of the books in her class library.

There are 16 books in her class library.

How many books has she read?

Use counters or draw a picture to help you.

She has read 8 books.