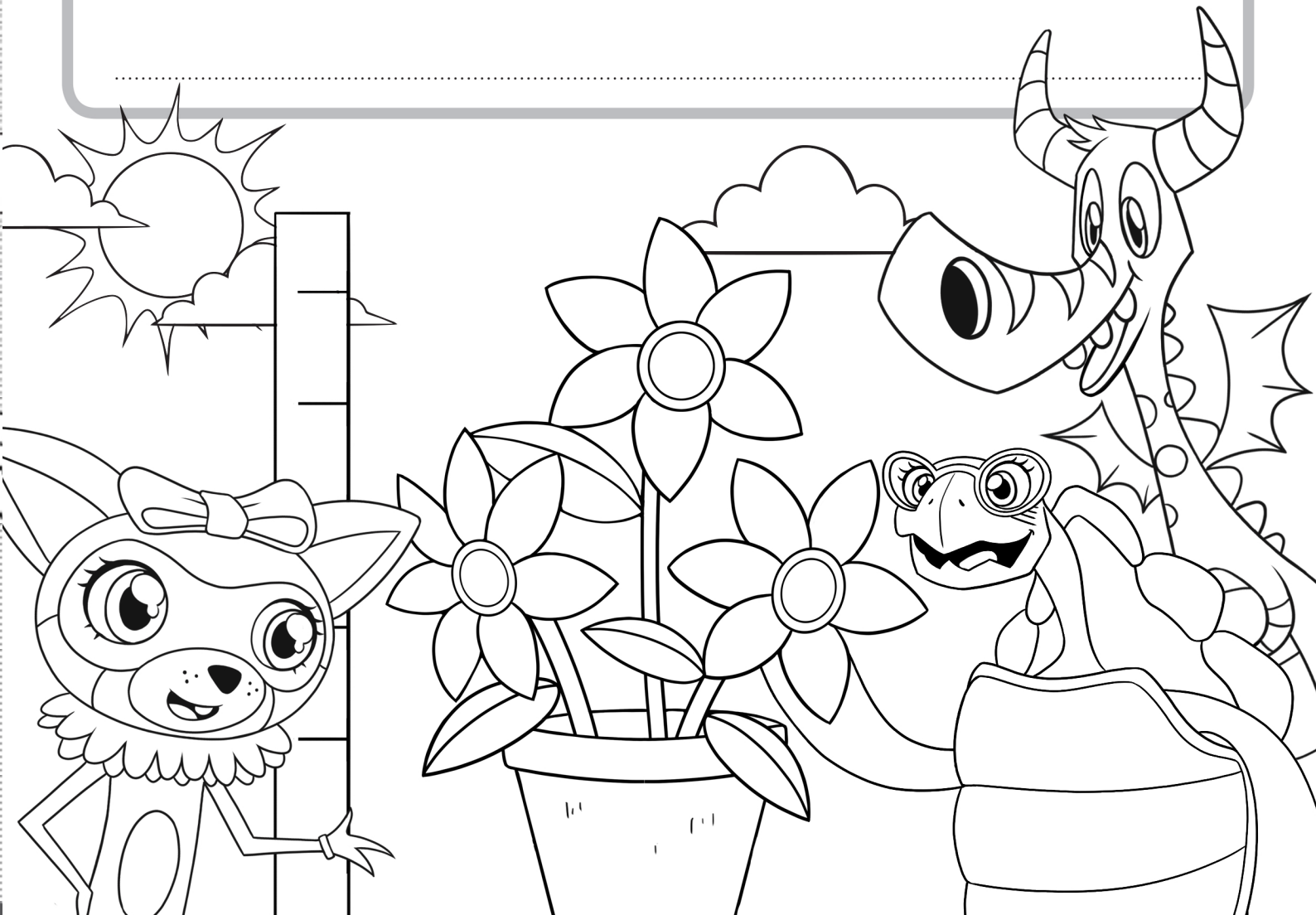


Lesson and Activity

Pot Plant Project Workbook

Year 2

This workbook belongs to:

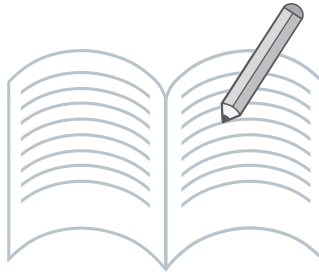


Welcome, let's grow a plant together!

1



Online lessons



Workbook activities



Teacher reward

2



Collect all Mathseeds acorn rewards

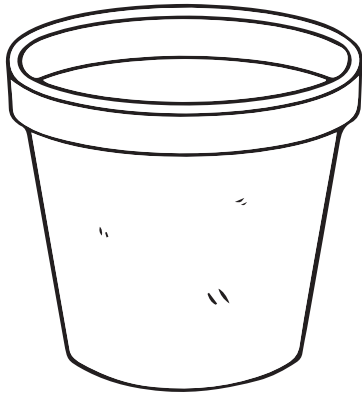
3



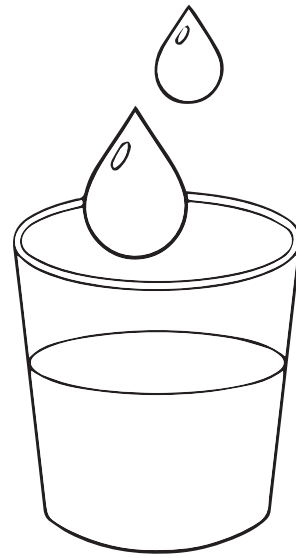
Collect Mathseeds avatar rewards



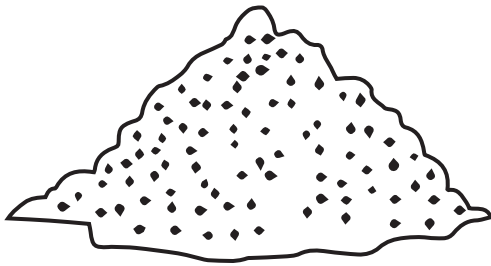
What you will need:



A pot



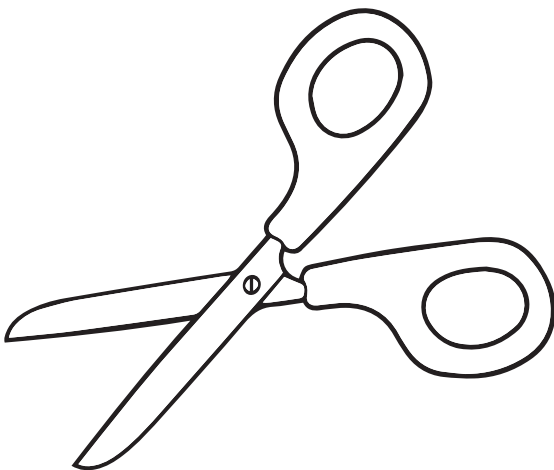
Water



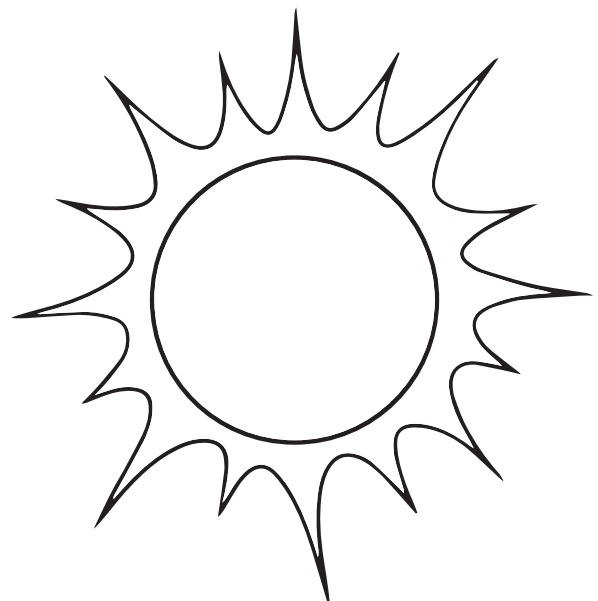
Soil



Seeds



Scissors



Some sun

Step 1: Decorate your plant pot



Rewards!

LESSON

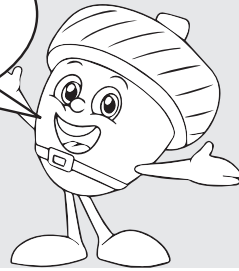
102

Moving shapes



Have you done your Mathseeds lessons?

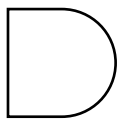
Before we grow our plant we need to find a pot for it. A pot is like a home for your plant.



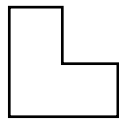
Draw the moved shape in the space.



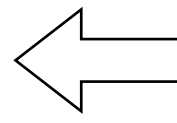
Flip this shape.



Slide this shape.



Quarter turn this shape.



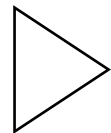
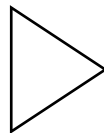
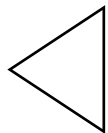
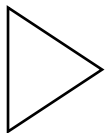
Draw the shape in the space to complete the pattern.



1 Circle the correct answer.

To complete the pattern you need to flip/slide/turn the shape.

2 Draw the shape in the space to complete the pattern.



1 Circle the correct answer.

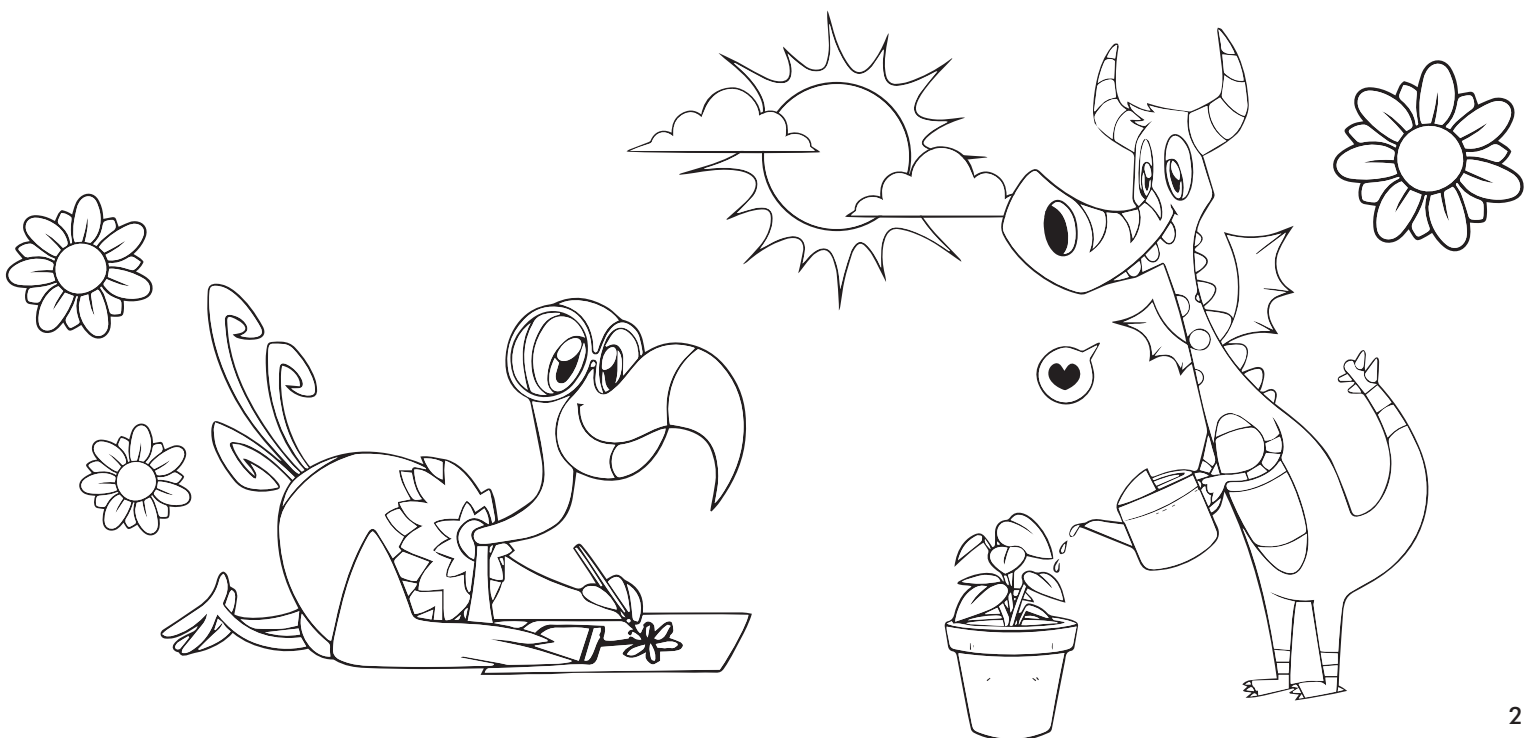
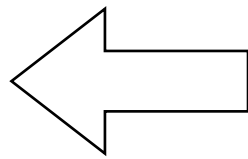
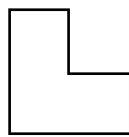
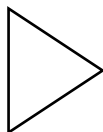
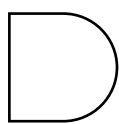
To complete the pattern you need to flip/slide/turn the shape.

2 Draw the shape in the space to complete the pattern.





Pick one of the following shapes and create your own pattern in the below box by flipping your shape. Draw this pattern on your flower pot.



Step 2: Plant your seed!



Rewards!

LESSON
116
Volume



Have you done your Mathseeds lessons?

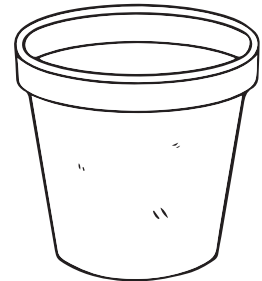
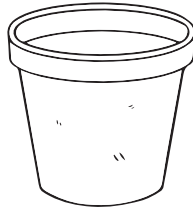
Now that your pot is ready, it's time to fill it with soil so you can plant your seed.



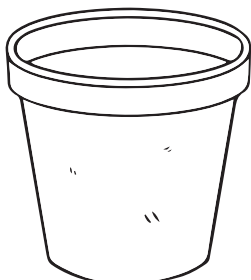
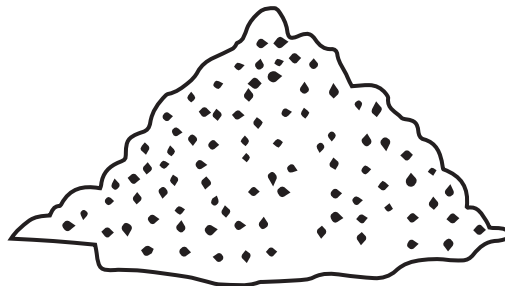
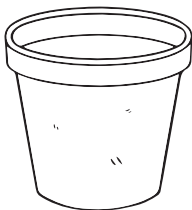
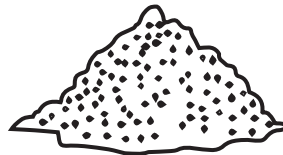
- Add soil into your pot until it is almost full.
- Push the seed into the soil with your finger and cover it.
- Make sure you give your seed some water!



Circle the pot that will hold the most soil.



Match each pot with its correct amount of soil.





Find a container in your classroom that you think holds more soil than your empty flower pot. Draw it in the box.



Find a container in your classroom that you think holds less soil than your empty flower pot. Draw it in the box.

Step 3: Tracking your flower - calendar



Rewards!

LESSON

109

The Calendar



Have you done your Mathseeds lessons?

It is very important to track when you water your plant. Your plant will die if you water it too much!



Below are all 12 months of the year. Order them from 1 to 12. 1 being the first month and 12 being the last month of the year.

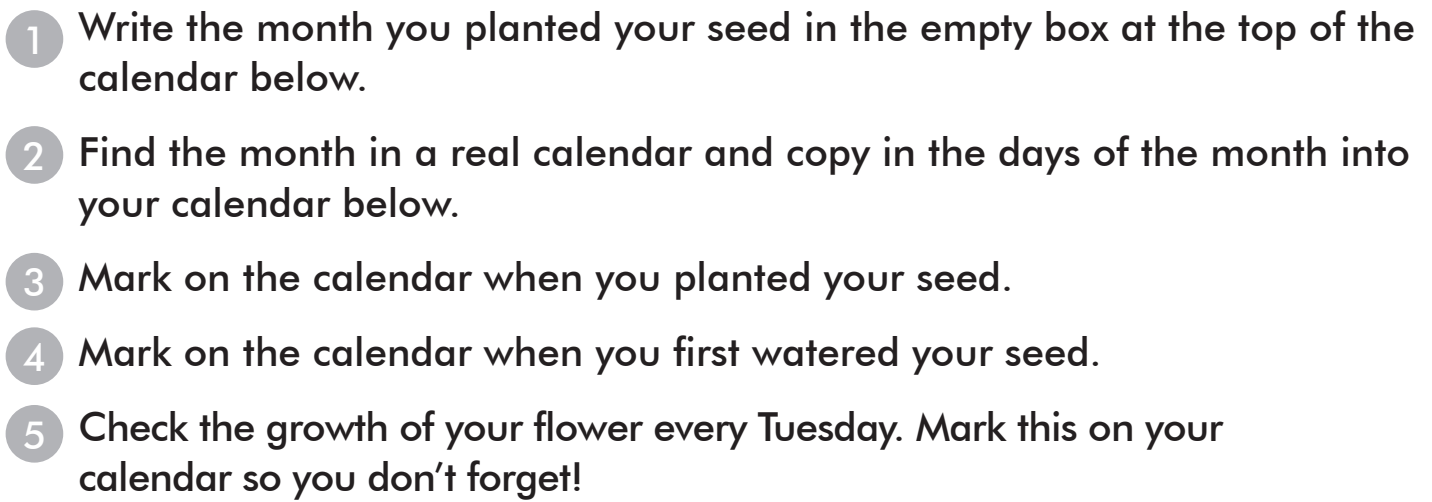
May		July	
April		December	
August		January	
November		June	
October		September	
March		February	

Use a calendar to find out how many days there are in each of the following months. Write these in the spaces below.

September _____
July _____
January _____

December _____
March _____






6 Find someone in your class whose birthday is in this Month. Add their birthday to your calendar.

7 What is the date 1 week before their birthday? _____

8 What is the date 5 days after their birthday? _____



Step 4: Tracking your plant - length



Rewards!

LESSON
126

Measuring
centimetres

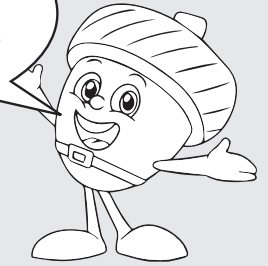
LESSON
141

Word problems:
Length



Have you done your
Mathseeds lessons?

Now let's watch
your plant grow!



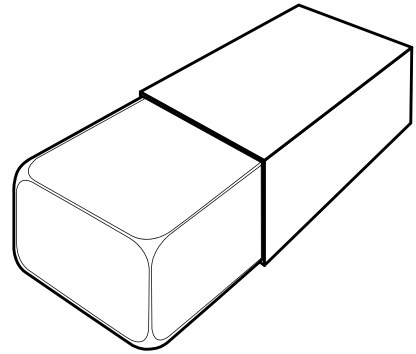
- Use a chain of paper clips to measure each item.
How many paper clips long is:



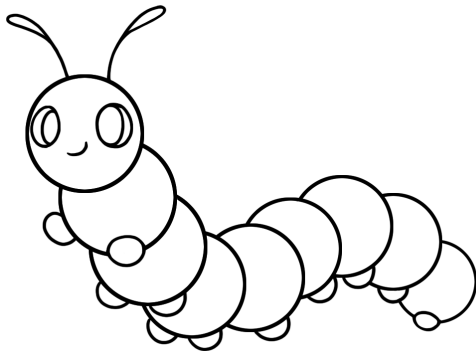
This pen is _____ paper clips long.



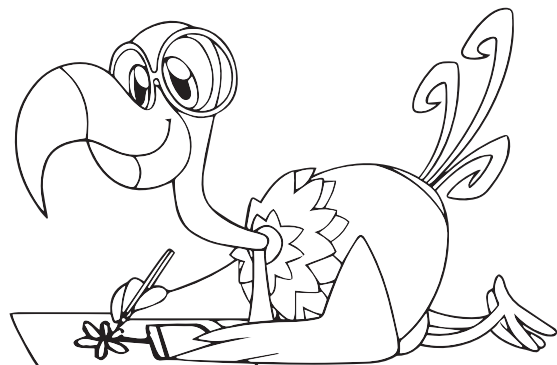
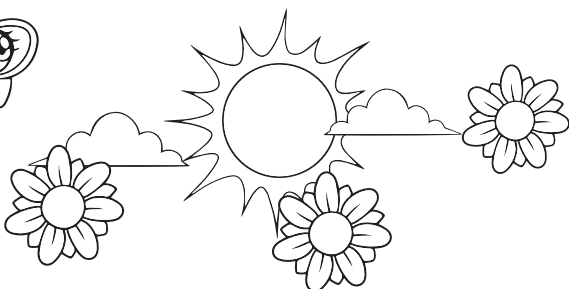
This feather is _____ paper clips long.



This eraser is _____ paper clips long.



This caterpillar is _____ paper clips long.



Find items in your classroom that are different lengths. Write down the name of the item and how long they are in the table below.

Item	Length (paper clips)



• Draw something that is close to...

4 paper clips long



2 paper clips long



7 paper clips long



• Allan’s plant is 10 paper clips tall, and Melanie’s plant is 7 paper clips tall.
How much taller is Allan’s plant?



• Sophie’s plant is 15 paper clips tall, and your plant is 10 paper clips tall.
How much taller does your plant have to grow to be the same height as Sophie’s?

Step 5: Data



Rewards!

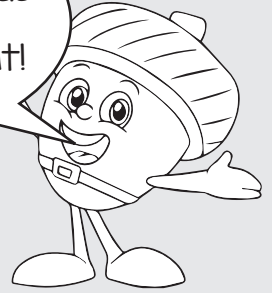
LESSON 143

Comparing Lengths
using data



Have you done your
Mathseeds lessons?

Which of your friends
have the tallest
plant? Let's find out!



Look at the picture graph below:



Leaves on our plants

Number
of leaves



Hailey



Bob



Jill

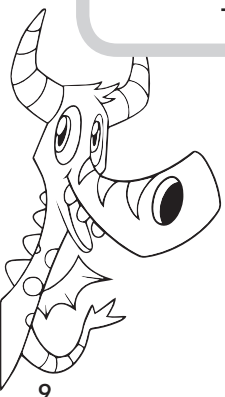


Sam



Billy

- 1 Whose plant has the most leaves? _____
- 2 How many leaves does Hailey's plant have? _____
- 3 Whose plant has the fewest leaves? _____
- 4 Whose plant has more leaves than Bob's plant? _____



Let's create our own picture graph.



- 1 Choose 5 people in your class. Write their names under the 'Name' column below.
- 2 Measure how many paper clips tall each person's plant is. Write this number next to their name in the 'Length of plant' column.

Name	Length of plant (number of paper clips)

Draw your picture graph in the box below.



Step 6: Numbers - multiplication and division



Rewards!

LESSON
115

Multiplying groups

LESSON
136

The division sign



Have you done your
Mathseeds lessons?

It's time to practice
multiplying and dividing.

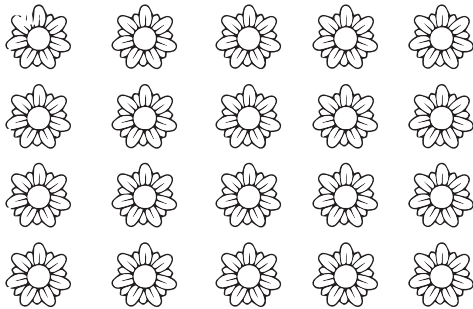


Multiplication



• What's the answer?

Circle 4 groups of 5 sunflowers.
How many altogether?



Circle 1 groups of 8 pots.
How many altogether?



Circle 2 groups of 10 buckets.
How many altogether?



Circle 2 groups of 3 roses.
How many altogether?



1 How many flowers are there growing in your class? _____

2 Imagine each of your classmates are now growing 2 flowers.
How many plants would your classroom have?

Solve the equation to get the answer.

Number of flowers in your class _____ x 2 = _____

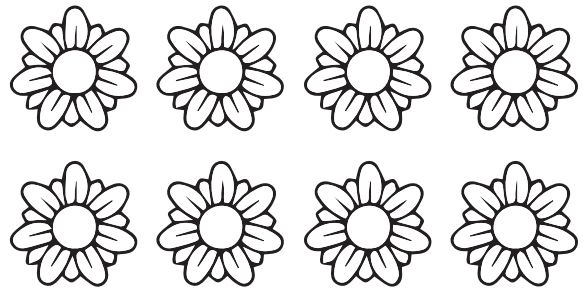


What's the answer?

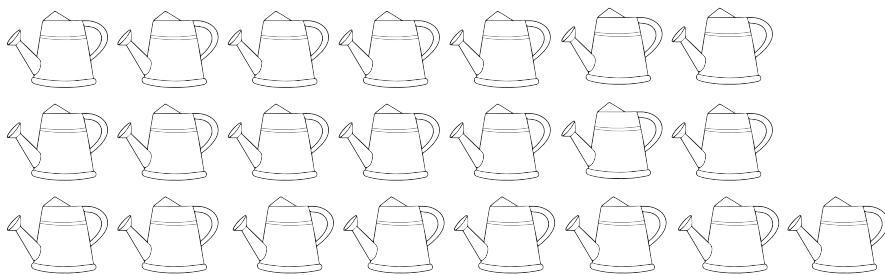
Circle the items to make groups of 2.



How many groups did you make?



How many groups did you make?



How many groups did you make?



How to use this workbook book:

1



Online lessons



Workbook activities



Teacher reward

2



Collect all Mathseeds acorn rewards

3



Collect Mathseeds avatar rewards



A 3P Learning product