

KS1 Priority Therapy: Y1 Maths

Commissioned by The PiXL Club Ltd.
January 2018

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M3b. Can halve numbers up to 10 using practical objects and extend to 20



= teacher notes

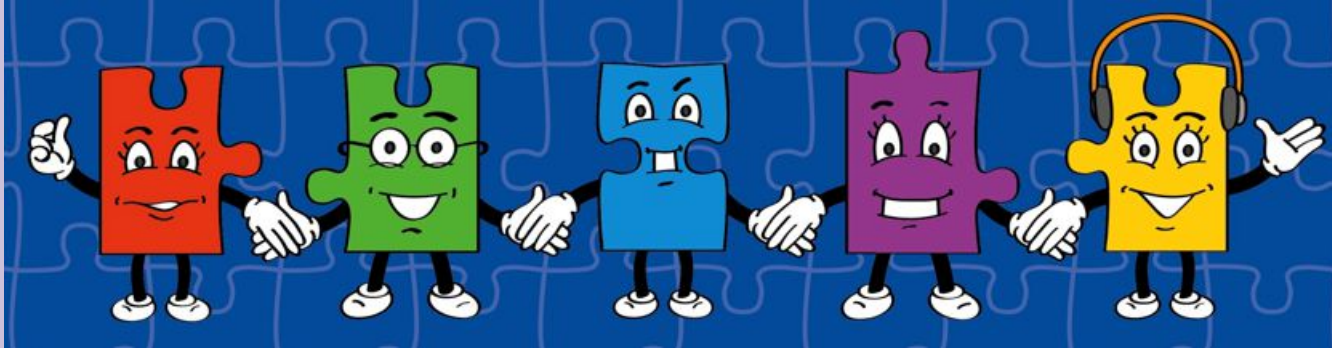


Teacher information

This resource should be used to support Key Marginal pupils for whom you have completed a PLC. It is designed to be delivered as a teaching activity to a small group or individual in order to fill a gap in their understanding. There is no expectation to use the PowerPoint in its entirety. Choose the methods and resources that suit your school's approach to place value, counting and calculation.

Use of this resource should form part of normal, day-to-day teaching, as you would do with a guided teaching group. This teaching resource is based on the National Curriculum expectations for Key Stage 1, with a focus on the laser-sharp statements from the PiXL PLC.

LORIC



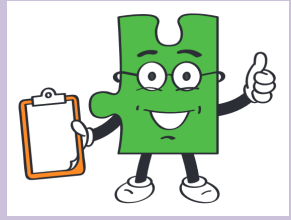
Our Primary Edge attributes help us to become better learners and today is no exception. Before you start this activity, here are some ideas for how you will need your **Olly Organisation** skills today:

- Choose suitable resources
- Sort objects into two parts
- Support one another

Command Words:

Plan	Prepare
Create	Organise
Design	Compile
Support	Assist

Developing organisation skills



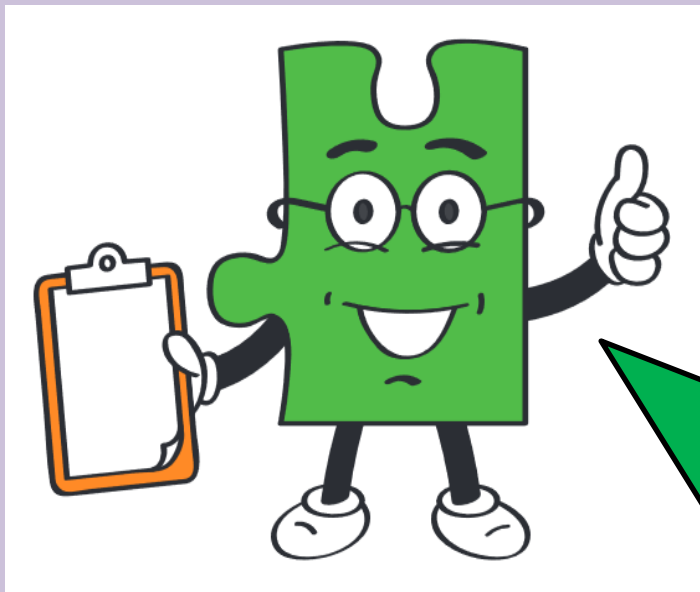
★ Use this activity to help children develop their organisation skills before you begin the therapy.

You have a bunch of grapes to share between you and your friend.

How could you share them fairly?



What I will be looking for today



You will have lots of chances to demonstrate your organisational skills today. Here's what I'll be looking for:

- Choosing resources to help you
- Putting your objects in two parts
 - Careful counting



Teacher information

Whilst pictures are provided throughout the therapy to demonstrate the skills, please use objects from around the classroom to complete all of the tasks in the therapy.

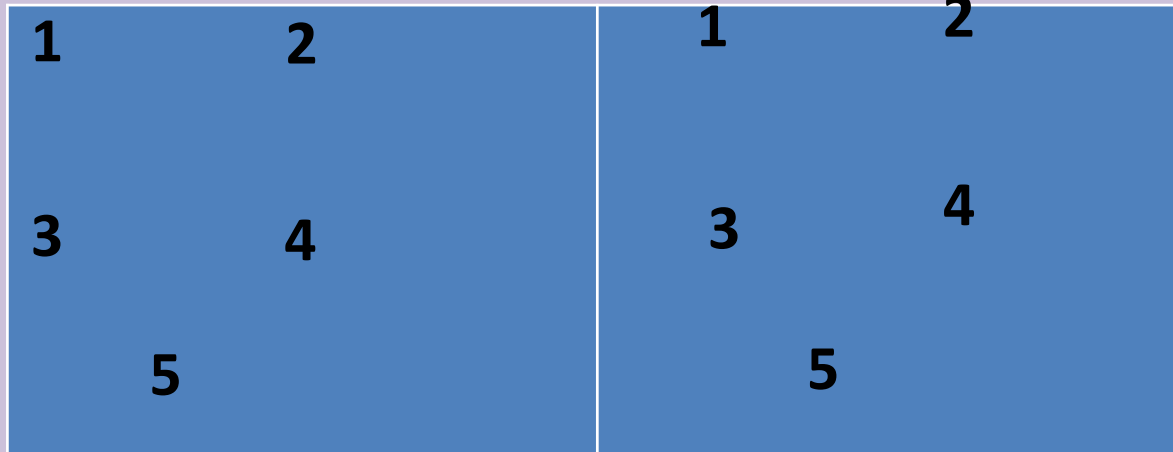
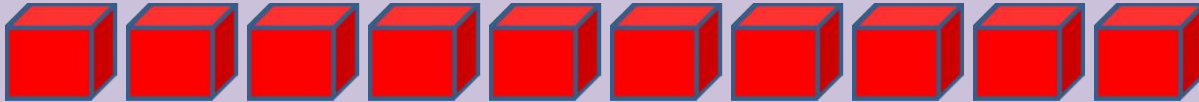
Children will need to have access to a range of practical maths equipment such as Numicon, cubes, counters and toys to assist them with their halving. It would also be useful to have a number line.

Halve numbers to 10

Halving is the same as sharing equally between 2.

Halve 10

We share our 10 cubes between two equal parts.

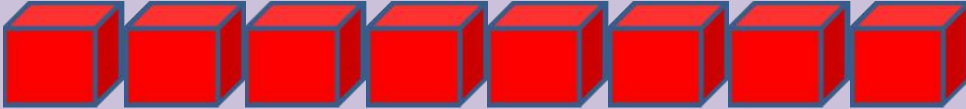


Count how many cubes are in each group. There should be the same number in each group.

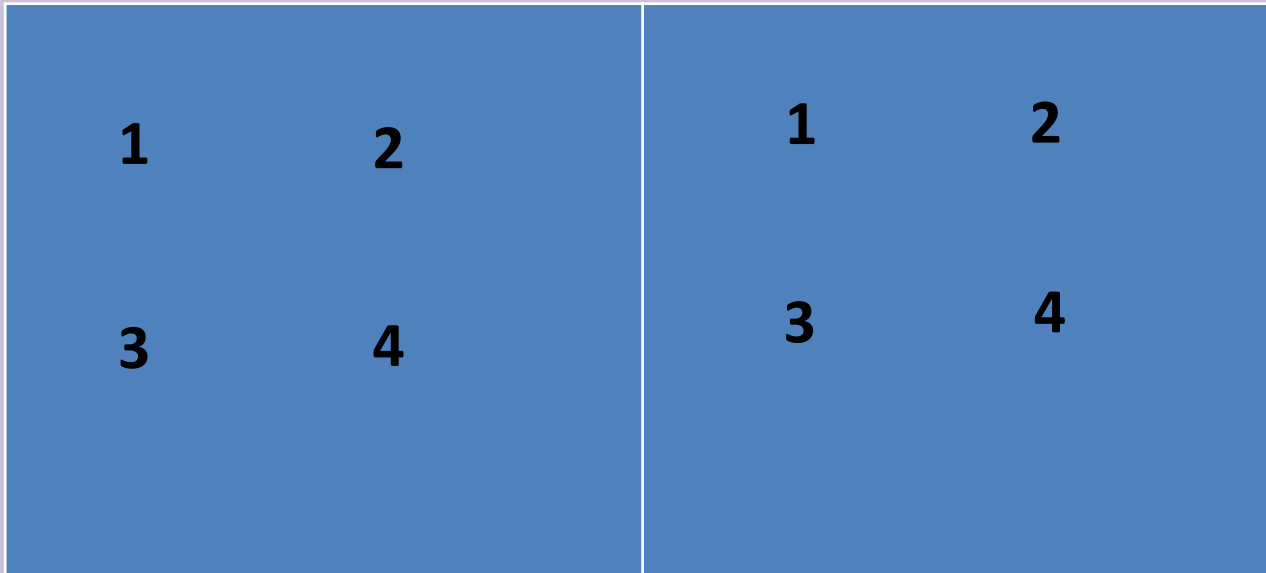
Halve numbers to 10

Share your 8 cubes between two equal parts.

Halve 8



Count how many cubes are in each group.



Half of 8 is **4**

Halve numbers to 10

Can you find half of 6?



Do you have two equal parts?

1

2

3

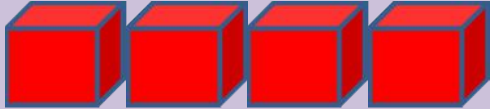
1

2

3

Half of 6 is **3**

Halve numbers to 10



Show me half of 4 using resources.

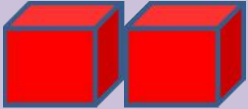
1	2	1	2
---	---	---	---

Check you have two equal parts.

Half of 4 is 2

Using cubes to halve numbers to 10

Halve 2



Show me half of 2 using resources.

Check you
have two
equal parts.

1

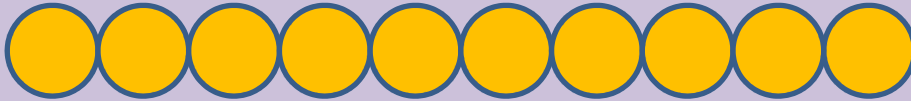
1

Half of 2 is **1**

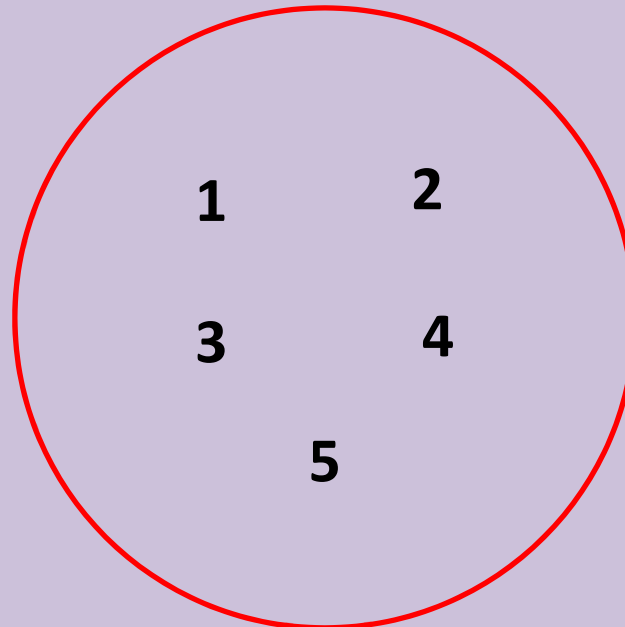
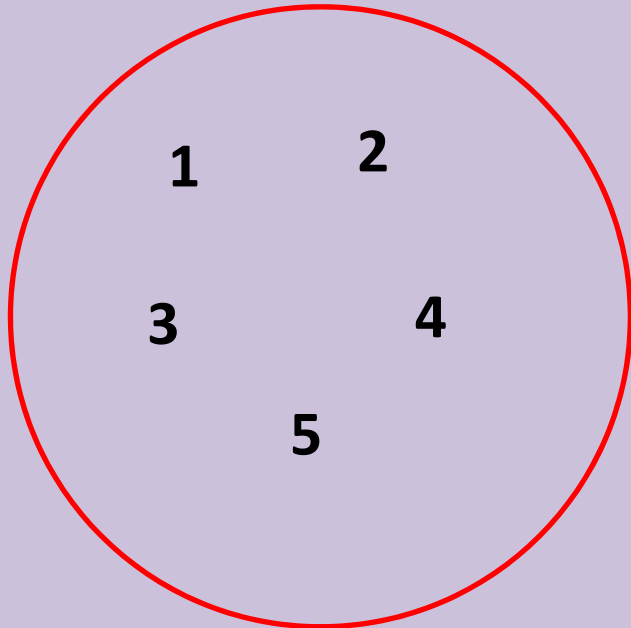
Halve numbers to 10

Halving is the same as sharing equally between 2.

Halve 10



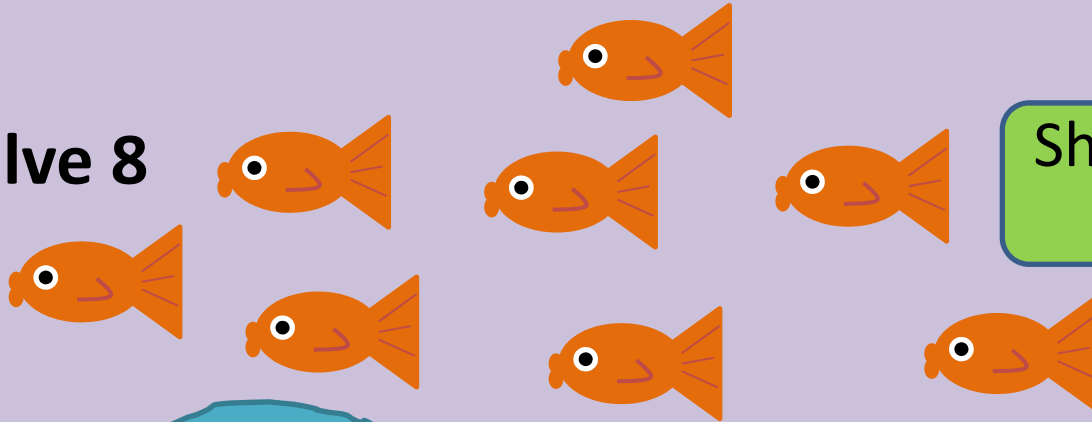
Share your counters into two equal parts.



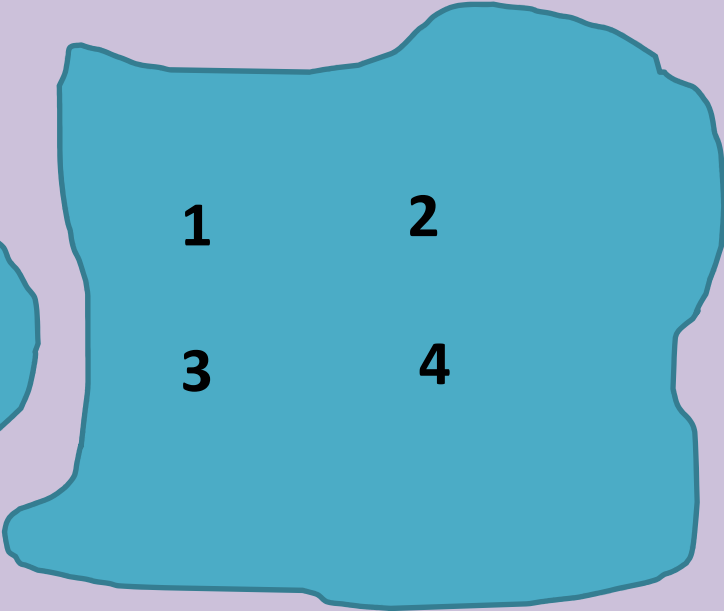
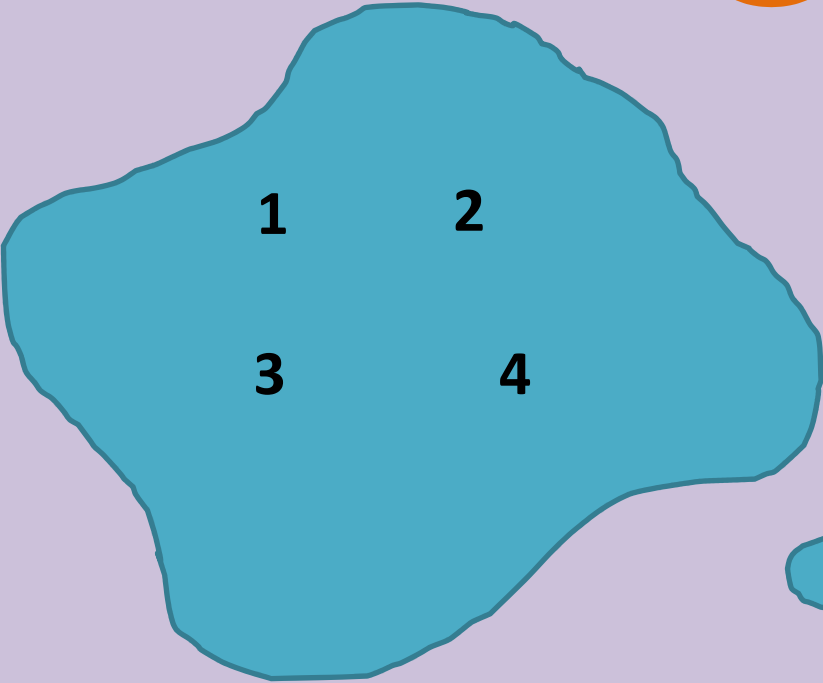
Half of 10 is 5

Halve numbers to 10

Halve 8



Share the fish into two equal parts.

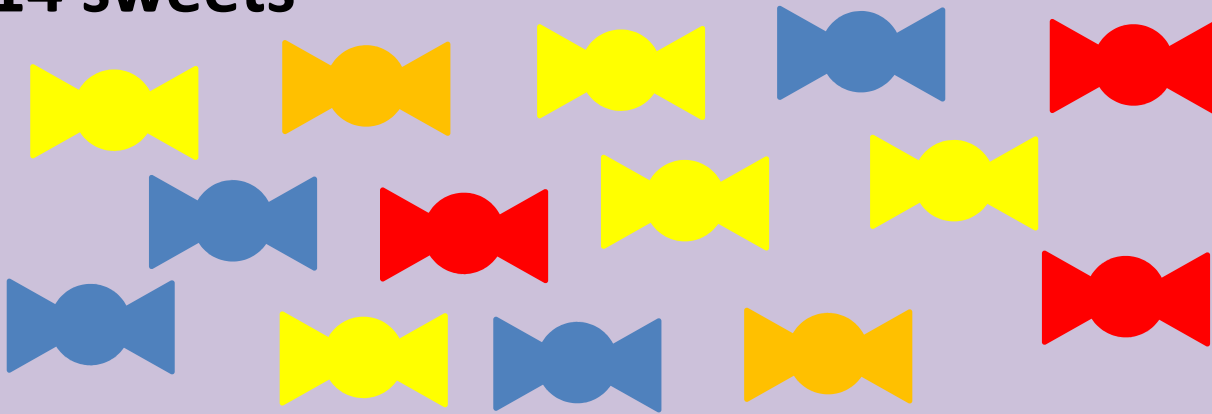


Half of 8 is 4

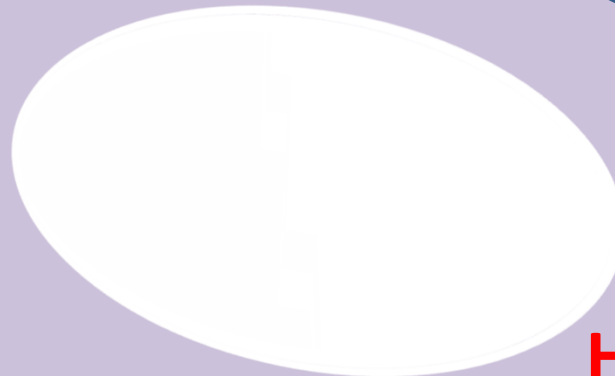
Halve numbers to 20

Choose a resource to help you to answer these questions.

Find half of
14 sweets



Halving is the same as sharing equally between two.



Half of 14 is 7

Practise halving numbers

Number	Half
Halve 4	<input type="text"/>
Halve 8	<input type="text"/>
Halve 12	<input type="text"/>
Halve 18	<input type="text"/>
Halve 20	<input type="text"/>

Choose a resource to help you to answer these questions.



Show Me Tasks

Once the therapy has been delivered you can use Show Me Tasks to demonstrate that the skill is now secure. They are not intended to be completed all at once and ideally should be done in intervals of a few days after the therapy has been delivered. The challenge in the tasks is progressive.

For these halving tasks, please provide the children with objects such as counters or Numicon for support.

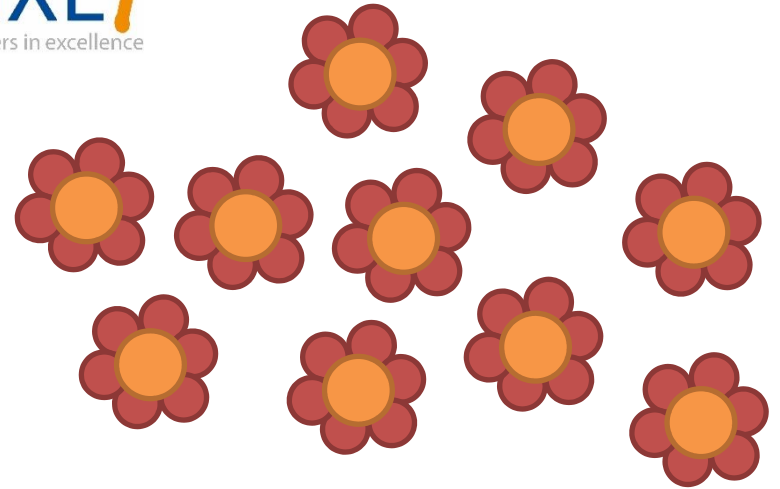
Show Me Tasks

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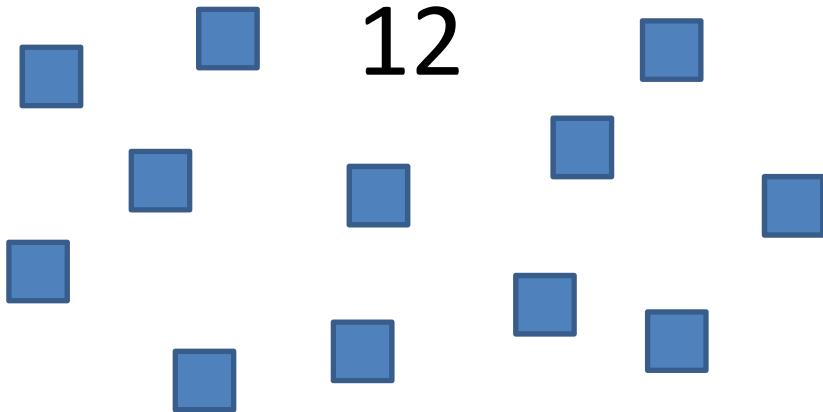
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Circle half of this group of flowers

Use a resource to find half of

12



Lucy made a tower.



Henry made a tower using **half** the amount of bricks.

Draw Henry's tower.