

Homework

Make Equal Groups – Grouping

National Curriculum Objectives:

Mathematics Year 1: (1N1b) Count in multiples of twos, fives and tens

Mathematics Year 1: (1C8) Solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher

Differentiation:

Questions 1, 4 and 7 (Varied Fluency)

Developing Make equal groups of 2, 5 or 10 to fill in the box. 1-to-1 pictorial support provided; images arranged in an array. No remainders.

Expected Make equal groups of 2, 5 or 10 to fill in the box. 1-to-1 pictorial support provided; images arranged in an array. Some items are not able to be equally grouped.

Greater Depth Make equal groups of 2, 5 or 10 to fill in the box. 1-to-1 pictorial support provided; images arranged at random. Some items are not able to be equally grouped.

Questions 2, 5 and 8 (Varied Fluency)

Developing Make equal groups to find amounts. 1-to-1 pictorial support provided; images arranged in an array. No remainders.

Expected Make equal groups to find remainders. 1-to-1 pictorial support provided; images arranged in an array.

Greater Depth Make equal groups to find remainders. 1-to-1 pictorial support provided; images arranged at random.

Questions 3, 6 and 9 (Problem Solving)

Developing Complete the drawing to solve the problem by grouping items equally. 1-to-1 pictorial support provided; images arranged in an array. No remainders.

Expected Complete the drawing to solve the problem by grouping items equally. 1-to-1 pictorial support provided; images arranged in an array. Some items are not able to be equally grouped.

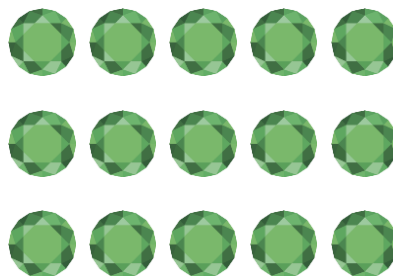
Greater Depth Create a drawing to solve the problem by grouping items equally. Children are to draw their own 1-to-1 pictorial representation to support their answer. Some items are not able to be equally grouped.

Make Equal Groups – Grouping

1. Follow the rules to make equal groups. Fill in the boxes below.

A. I can make groups of 2 gems.

B. I can make groups of 5 gems.



VF
HW/Ext

2. Look at the picture below. How many equal groups can you make if you made:

A. Equal groups of 2?

There would be equal groups of 2.

B. Equal groups of 5?

There would be equal groups of 5.

C. Equal groups of 10?

There would be equal groups of 10.



VF
HW/Ext

3. Lucky the Rabbit is baking some cakes for a party. He has already baked 3 equal groups of 2.



I need 14 cakes. I need to bake another 3 equal groups of 2 or else I won't have enough.



Is Lucky right? Draw the rest of the cakes and explain why.

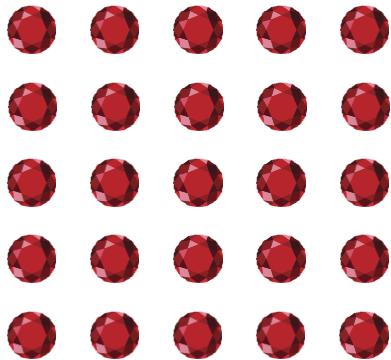


RPS
HW/Ext

Make Equal Groups – Grouping

4. Follow the rules to make equal groups. Fill in the boxes below.

A. I can make groups of 5 gems.



B. I can make groups of 2 gems.



I will have left.



VF
HW/Ext

5. Look at the picture below. How many would you have left if you made:

A. 8 equal groups of 2?

There would be left.



B. 5 equal groups of 5?

There would be left.



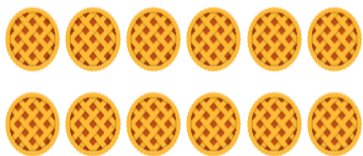
C. 3 equal groups of 10?

There would be left.



VF
HW/Ext

6. Mia the Cat is baking some pies for a party. She has already baked 6 equal groups of 2.



I need 28 pies. I need to bake another 7 equal groups of 2 or else I won't have enough.



Is Mia right? Draw the rest of the pies and explain why.

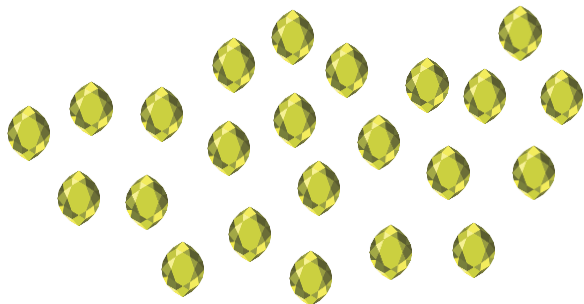


RPS
HW/Ext

Make Equal Groups – Grouping

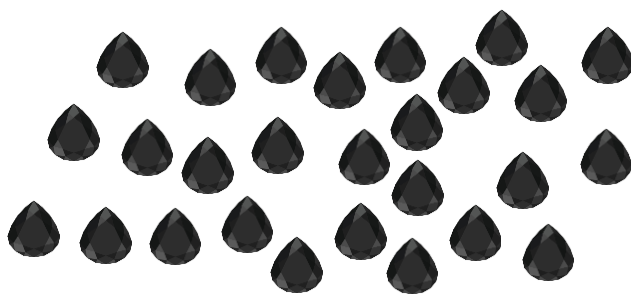
7. Follow the rules to make equal groups. Fill in the boxes below.

A. I can make groups of 5 gems.



I will have left.

B. I can make groups of 2 gems.



I will have left.



VF
HW/Ext

8. Look at the picture below. How many would you have left if you made:

A. 14 equal groups of 2?

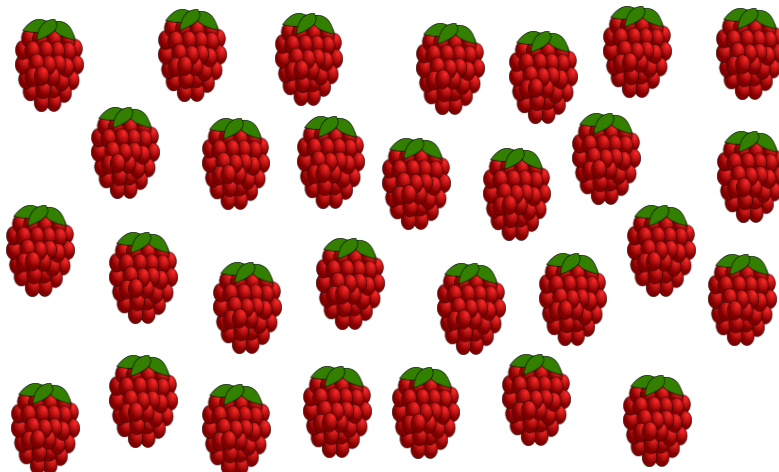
There would be left.

B. 4 equal groups of 5?

There would be left.

C. 2 equal groups of 10?

There would be left.



VF
HW/Ext

9. Dougie the Dog is baking some cookies for a party. He has already baked 3 equal groups of 5.

I need 29 cookies. I need to bake another 8 equal groups of 2 or else I won't have enough.



Is Dougie right? Draw a picture to help you explain why.



RPS
HW/Ext

Homework

Make Equal Groups – Grouping

Developing

- A. I can make 5 groups of 2 gems.
B. I can make 3 groups of 5 gems.**
- A. There would be 10 groups of 2.
B. There would be 4 groups of 5.
C. There would be 2 groups of 10.**
- Lucky is wrong. He would need to bake another 4 equal groups of 2 otherwise he will only have 12 cakes.**

Expected

- A. I can make 5 groups of 5 gems.
B. I can make 12 groups of 2 gems. I will have 1 left.**
- A. There would be 14 left.
B. There would be 5 left.
There would be 0 left.**
- Mia is wrong. She would need to bake another 8 equal groups of 2 otherwise she will only have 26 cakes.**

Greater Depth

- A. I can make 4 groups of 5 gems. I will have 3 left.
B. I can make 13 groups of 2 gems. I will have 1 left.**
- A. There would be 1 left.
B. There would be 9 left.
C. There would be 9 left.**
- Dougie is wrong. He would only need to bake another 7 equal groups of 2 to have enough and still have one extra. If he baked another 8 equal groups of 2 he would have 3 extra.**