## Year 1, consolidation for number work. Task 3

## Should Do

Ash wants to share 20 so that each of his friends has the same amount.

How many friends could he share his between so that no are left over?

I wonder if there is more than one answer?


Using 20 objects, try sharing them into 2 groups. Does that work? Then, try 3 groups. Keep going and see how many friends Ash could share with.

2 groups:


Sharing 20 between 2 means they get 10 sweets each.

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Fill out this table to see how Ash could share his sweets. The first few are done for you.

| People | Could Ash share the sweets? |
| :--- | :--- |
| 2 | Yes - they would get 10 each. |
| 3 | No |
| 4 | Yes - they would get 5 each. |
| 5 |  |
| 6 |  |
| 7 |  |
| 8 |  |
| 9 |  |
| 10 |  |
| 11 |  |
| 12 |  |
| 13 |  |
| 14 |  |
| 15 |  |
| 16 |  |
| 17 |  |
| 18 |  |
| 19 |  |
| 20 |  |

# Year 1, consolidation for number work. Task 3 

## Can Do

Mark is thinking of a number.
It is less than 33.
It can be put into two equal groups.
It can be shared equally between 5 people.
What could Mark's number be?

Mark has a number that is in the 5 times table and the 2 times table. Using the number square below, see what possibilities it could be.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |

In the 2 times table
In the 5 times table

In the 10 times table, 6 times table and 2 times table.

What could Mark's number be?

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## Could Do

Flo has 24
She wants to put them into groups with the same number in each group and none left over.

How many $\frac{289}{20}$ could she put in each group? Is there more than one answer?

This is just like the first question! Split the number 24 into different amounts, and see if you can find the answer. The first one is done for you.

| Groups | Could Flo put the teddies in equal groups? |
| :--- | :--- |
| 2 | Yes - there would be 12 in each group. |
| 3 |  |
| 4 |  |
| 5 |  |
| 6 |  |
| 7 |  |
| 8 |  |
| 9 |  |
| 10 |  |
| 11 |  |
| 12 |  |

