

Discussion Problems

Step 3: Add Equal Groups

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](#)

About this resource:

As this resource is aimed at Year 1, we recommend that an adult reads the problem to children who cannot yet access it for themselves.

This resource has been designed for pupils who understand the concepts within [this step](#). It provides pupils with more opportunities to enhance their reasoning and problem solving skills through more challenging problems. Pupils can work in pairs or small groups to discuss with each other about how best to tackle the problem, as there is often more than one answer or more than one way to work through the problem.

There may be various answers for each problem. Where this is the case, we have provided one example answer to guide discussion.

We recommend self or peer marking using the answer page provided to promote discussion and self-correction.

More [Year 1 Multiplication and Division](#) resources.

Did you like this resource? Don't forget to [review](#) it on our website.

Add Equal Groups

1. Use the equal groups below to fill in the scales.



A $2 + 2 + 2 + 2 + 2 + 2 + 2 + 2$

B five + five + five

C ten + ten

D $5 + 5$

E $10 + 10 + 10 + 10$

F $5 + 5 + 5 + 5 + 5$

G $2 + 2 + 2 + 2 + 2 + 2$

H two + two + two + two

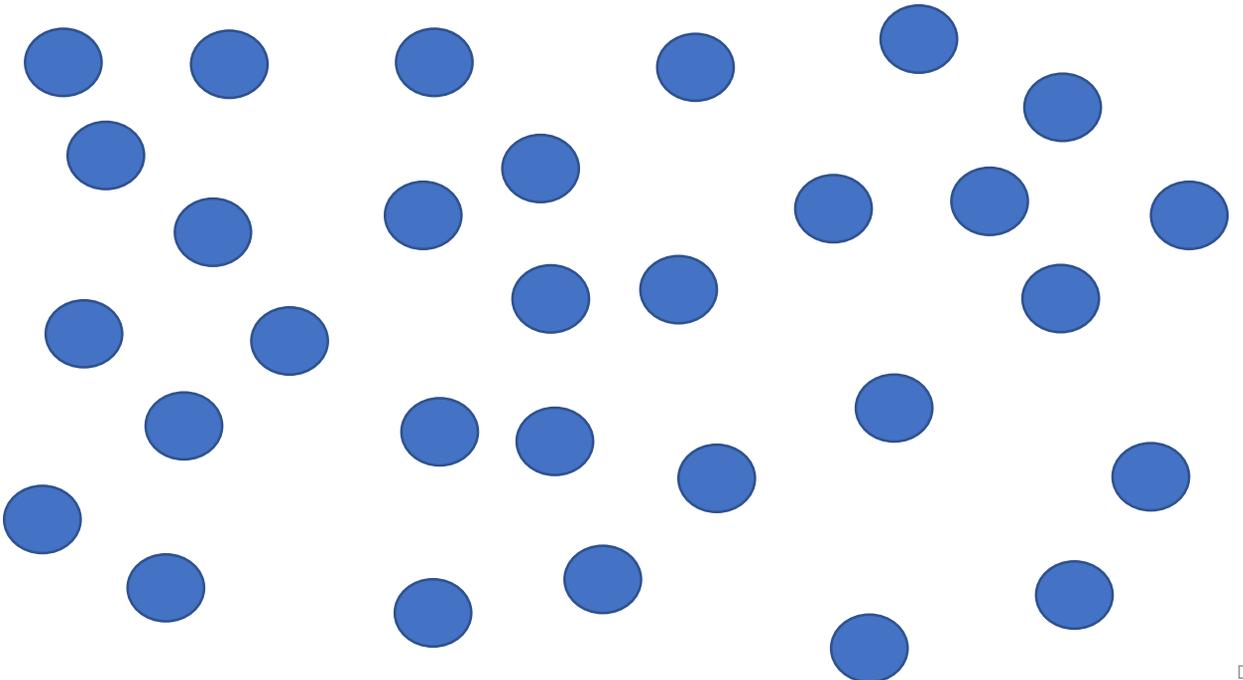
Is there more than one solution?

DP

2. I have 30 counters.

I have more than two groups but less than ten groups. All my groups are equal.

What could my groups look like?

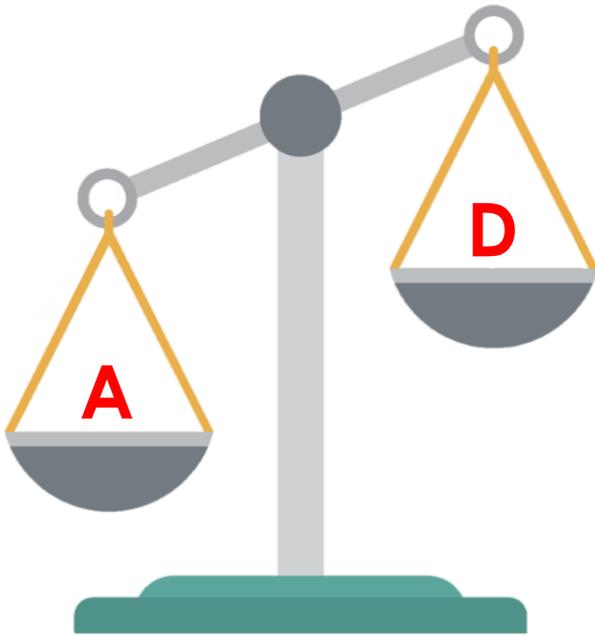


DP

Add Equal Groups

1. Use the equal groups below to fill in the scales.

Various answers, for example:



A $2 + 2 + 2 + 2 + 2 + 2 + 2 + 2$

B five + five + five

C ten + ten

D $5 + 5$

E $10 + 10 + 10 + 10$

F $5 + 5 + 5 + 5 + 5$

G $2 + 2 + 2 + 2 + 2 + 2$

H two + two + two + two

Is there more than one solution?

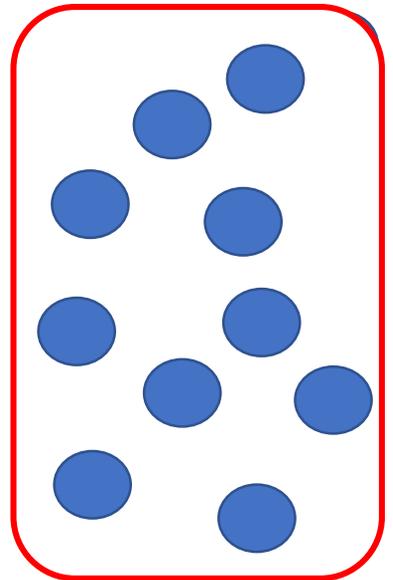
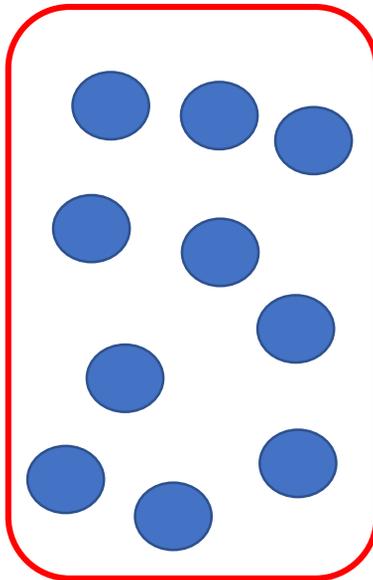
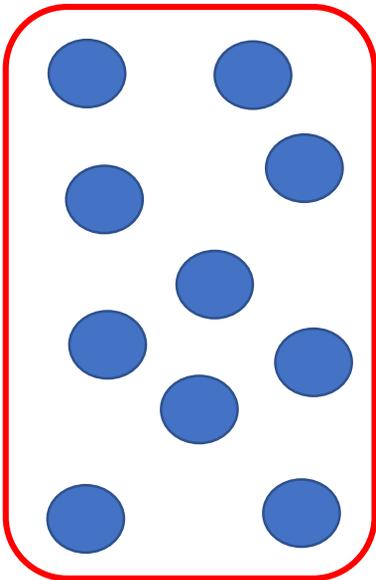
DP

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