

Mathematics Independent Task


# **Recognising the relationship between addition and subtraction**

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## Question 1

Looking at the dwarves who are standing up, and the dwarves that are sitting down, complete the part whole model and related addition and subtraction equations.



A part-whole model and four equations are shown below the illustration.

Part-Whole Model:

- A large empty box on the left is connected by two arrows to two smaller empty boxes stacked vertically on the right.


Equations:

- $5 + 2 = \square$
- $2 + 5 = \square$
- $7 - 5 = \square$
- $7 - 2 = \square$



## Question 2

Looking at the dwarves who are standing up, and the dwarves that are sitting down, complete the part whole model and related addition and subtraction equations.



The illustration shows seven dwarves. Six are standing in a row, and one is sitting on a stool to the right. They are all wearing traditional dwarf hats and tunics.

Below the illustration is a part-whole model and four equations to complete.

Part-whole model:

```
graph LR; A[ ] --> B[ ]; A --> C[ ]
```

Equations to complete:

$1 + 6 = \square$	$6 + 1 = \square$
$7 - 1 = \square$	$7 - 6 = \square$

