



Dress the Elf



A Dress-the-Elf activity
to work out the number of combinations
possible with clothes





Step 1

Get the Dress-the-Elf handout

Instructions:

1. Print off the A4 template onto thin card.
2. Colour in the Elf's clothes adding your own designs.
3. Cut out the clothes and Elf
4. Stick the different pieces of clothing onto the Elf (using glue if you would like one permanent outfit).

Dress-the-Elf

Santa Top

Dress

Pointy Hat

Droopy Hat

Dress-the-Elf





Step 2

- Colour in the Elf's clothes
- Add your own designs
- Cut out the clothes and Elf safely with scissors
- Stick the clothing onto the Elf





Step 3 How many ways can the Elf get dressed?

The model has a **set number** of clothes:

- 2 hats, a pointy hat and a droopy hat
- 2 tops, one Santa one dress
- 2 pairs of shorts, one plain one stripy.

Using **Multiplication** this could be worked out as:

$$2 \times 2 \times 2 = 8$$

So there are **8** ways the Elf could get dressed.





Dressing-the-Elf Table

This is how many ways to Dress-the-Elf in an information table:

	1	2	3	4	5	6	7	8
Hat	Pointy	Pointy	Pointy	Pointy	Droopy	Droopy	Droopy	Droopy
Top	Santa	Santa	Dress	Dress	Santa	Santa	Dress	Dress
Shorts	Plain	Stripy	Plain	Stripy	Plain	Stripy	Plain	Stripy

