

# Christmas Jumper Logic Puzzle

Six friends are out shopping together, to buy new Christmas jumpers. They all want to wear a different one. Can you use the clues to work out who wants to buy each of the jumpers below?



**Jumper 1**

£18.95

Available in sizes S, M, L



**Jumper 2**

£27.50

Available in sizes S, M, L, XL



**Jumper 3**

£24.85

Available in sizes S, M, L



**Jumper 4**

£22.70

Available in sizes S, L, XL



**Jumper 5**

£29.75

Available only in size S



**Jumper 6**

£15.90

Available in sizes S, M, L, XL

## Clues:

- Alfred and Orla don't want a snowman on their jumper.
- Tabby doesn't want to spend more than £20 on her jumper.
- Orla wants a pink jumper.
- Neither Lachlan nor Alfred want Jumper 1 or Jumper 3.
- Josh wants a jumper with some writing on it.
- Lachlan needs a size M.
- Alfred and Eilish do not like penguins.
- Josh can spend up to £25 on his jumper.
- Eilish is the only one of the friends who wears a size S.

	Lachlan	Orla	Alfred	Josh	Tabby	Eilish
Jumper #1						
Jumper #2						
Jumper #3						
Jumper #4						
Jumper #5						
Jumper #6						

Use the grid above to help you work through the clues (e.g. if you've worked out a jumper someone is NOT wearing, put a X in that box). When you have worked out the answers, write each friend's name next to the number of their jumper below.

**Jumper 1:** \_\_\_\_\_ **Jumper 2:** \_\_\_\_\_ **Jumper 3:** \_\_\_\_\_

**Jumper 4:** \_\_\_\_\_ **Jumper 5:** \_\_\_\_\_ **Jumper 6:** \_\_\_\_\_

**Bonus question:** What is the total cost of all six Christmas jumpers?

**SPOILER ALERT!**

**solution below**

## Clues:

- Alfred and Orla don't want a snowman on their jumper.
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- Neither Lachlan nor Alfred want Jumper 1 or Jumper 3.
- Josh wants a jumper with some writing on it.
- Lachlan needs a size M.
- Alfred and Eilish do not like penguins.
- Josh can spend up to £25 on his jumper.
- Eilish is the only one of the friends who wears a size S.

	Lachlan	Orla	Alfred	Josh	Tabby	Eilish
Jumper #1	X	✓	X	X	X	X
Jumper #2	✓	X	X	X	X	X
Jumper #3	X	X	X	✓	X	X
Jumper #4	X	X	✓	X	X	X
Jumper #5	X	X	X	X	X	✓
Jumper #6	X	X	X	X	✓	X

Use the grid above to help you work through the clues (e.g. if you've worked out a jumper someone is NOT wearing, put a X in that box). When you have worked out the answers, write each friend's name next to the number of their jumper below.

**Jumper 1:** Orla

**Jumper 2:** Lachlan

**Jumper 3:** Josh

**Jumper 4:** Alfred

**Jumper 5:** Eilish

**Jumper 6:** Tabby

**Bonus question:** What is the total cost of all six Christmas jumpers? **£139.65**