

2. School Fair Necklaces

Rob and Jennie were making necklaces to sell at the school fair.

They decided to make them very mathematical.

Each necklace was to have eight beads, four of one colour and four of another.

And each had to be symmetrical, like this.



How many different necklaces could they make?

Can you find them all?

How do you know you haven't missed any out?

What if they had 9 beads, five of one colour and four of another?

What if they had 10 beads, five of each?



School Fair Necklaces

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