



Problem of the Week

Problem A

Teddy Bear Tower

Task 1:

Nikki has one red, two blue, and two yellow bears. She builds a tower by stacking the bears one on top of another. She must follow these rules:

1. No teddy bears of the same colour are next to each other.
2. The top teddy bear is not yellow.
3. The teddy bear in the centre is not red.
4. One yellow teddy bear is immediately below a red one.
5. The bottom teddy bear is not yellow.



What does the tower look like?

Task 2:

Meredith has four teddy bears and thought it would be fun to form a tower. Her teddy bear colours are yellow, blue, red and green. She must follow these rules:

1. The yellow bear is not at the bottom.
2. The blue bear is not between the green bear and the red bear.
3. The green bear is between the yellow bear and the blue bear.
4. The red bear is above the yellow bear.

What does the tower look like?

