Quiz 2: team quiz

• A car dealer has 10 new arrival identical cars except for colors: 4 red, 2 silver, 1 black, and 3 white.

1. How many distinguishable ways to exhibit these cars in a line?

2. What if the line has to begin with a silver one and end with a white one?

3. How many distinguishable ways to exhibit these cars in a rotating round circle?

4. How many distinguishable ways to exhibit 9 of these cars in a line?

Note: these two are undistinguishable