Problem Of the Week

- Twelve resistors, each of resistance $R$, are connected to form the edges of a cube. What is the resistance between opposite corners of the cube?

- A bunch of resistors (how many?), each of resistance $R$, are connected to form the edges of a 4-dimensional hypercube. What is the resistance between opposite corners of the hypercube?

Check your answer at the undergraduate news blog:

www.physics.ncsu.edu/undergraduate/newsblog.php