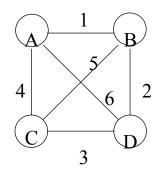
## **TSP Worksheet**



1. Show all possible TSP tours in the graph and compute their cost; for example, one TSP tour is A-B-C-D-A and its cost is 1+5+3+6=15.

2. How many distinct tours are there when you account for the same tour being counted multiple times?

$$\frac{n!}{n} = \frac{(n-1)!}{2} = \frac{3!}{2} = 3$$