Practice worksheet | Probability

Factorials and simple arrangements

Name: _____ Date: _____

6 questions | 14 marks

1. Evaluate $4!$. [2 marks]

2. Evaluate $\frac{7!}{5!}$. [2 marks]

3. Six different students line up. How many orders? [2 marks]

4. From 6 students choose a captain and deputy. How many choices? [2 marks]

5. How many unordered two-person groups can be chosen from 6 students? [3 marks]

6. List the distinct arrangements of AAB and explain why there are not 6. [3 marks]