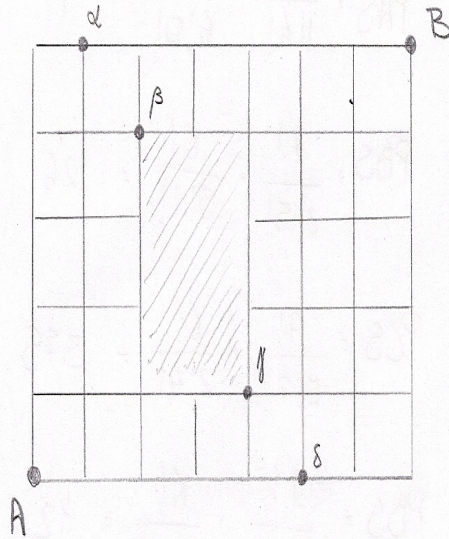


①

→ REDES

①



$$A\alpha B = \frac{6!}{1!5!} \times 1 = 6$$

$$A\beta B = \frac{6!}{2!4!} \times \frac{6!}{5!1!} = 90$$

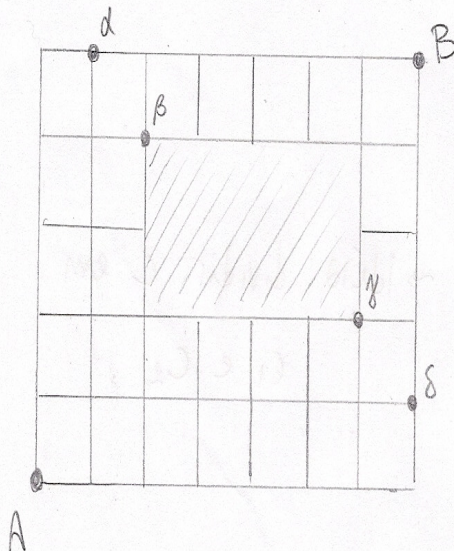
$$A\gamma B = \frac{5!}{4!1!} \times \frac{7!}{3!4!} = 175$$

$$A\delta B = 1 \times \frac{7!}{2!5!} = 21$$

$$\text{Total: } 6 + 90 + 175 + 21$$

$$= 295$$

②



$$A\alpha B = 6$$

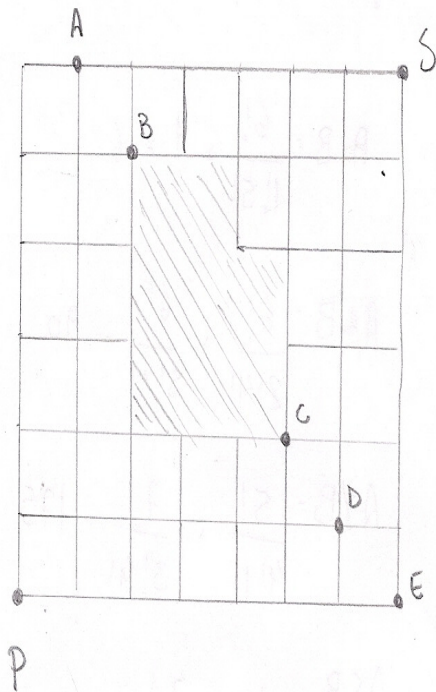
$$A\beta B = 90$$

$$A\gamma B = \frac{8!}{6!2!} \times \frac{4!}{1!3!} = 28 \times 4 = 112$$

$$A\delta B = \frac{8!}{7!1!} \times 1 = 8$$

$$\text{Total: } 6 + 90 + 112 + 8 = 216$$

3



$$PAS = \frac{7!}{1!6!} \times \frac{6!}{6!0!} = 7$$

$$PBS = \frac{7!}{2!5!} \times \frac{6!}{5!1!} = 126$$

$$PCS = \frac{7!}{5!2!} \times \frac{6!}{2!4!} = 375$$

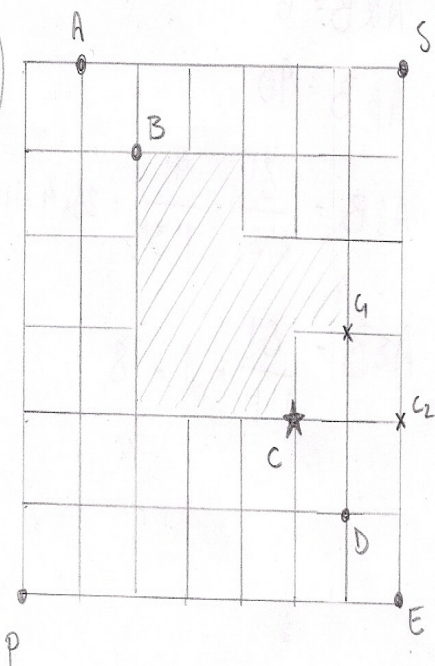
$$PDS = \frac{7!}{6!1!} \times \frac{6!}{1!5!} = 42$$

$$PES = \frac{7!}{7!0!} \times \frac{6!}{0!6!} = 1$$

total: 551

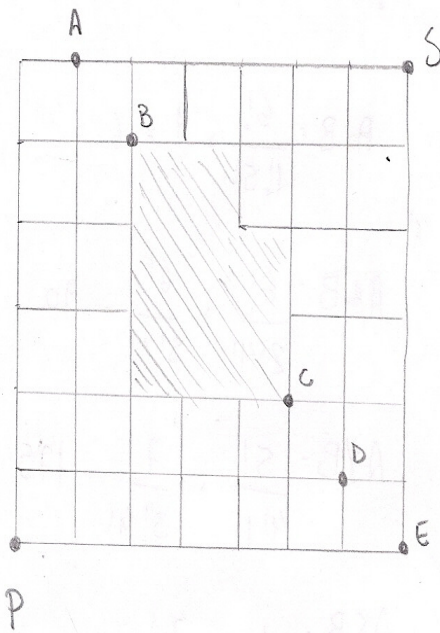
2

4



→ ideia: dividir C em
C₁ e C₂

3



$$PAS = \frac{7!}{1!6!} \times \frac{6!}{6!0!} = 7$$

$$PBS = \frac{7!}{2!5!} \times \frac{6!}{5!1!} = 126$$

$$PCS = \frac{7!}{5!2!} \times \frac{6!}{2!4!} = 375$$

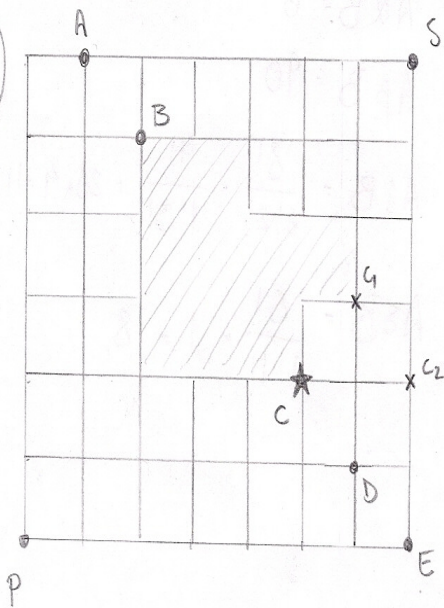
$$PDS = \frac{7!}{6!1!} \times \frac{6!}{1!5!} = 42$$

$$PES = \frac{7!}{7!0!} \times \frac{6!}{0!6!} = 1$$

total: 551

2

4



→ ideia: dividir C em

C_1 e C_2