$$|R(S)| = |\{T \in P(S) | || || T || = k \}|$$

$$\Rightarrow E \cdot 5 \cdot f \quad S = |\{1,2,3\}\}, \quad P_2(S) = \{\{1,2\},\{1,3\},\{2,3\}\}\}.$$
Obvious way, since we already know how to corport $P(S)$:

Tust $P(R) = |R(S)| = |R(S)| = |R(S)|$

for $R(S) = |R(S)| = |R(S)| = |R(S)|$

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$$|R(S)| = |R(S)| = |R(S)| = |R(S)|$$

$$|R(S)| = |R(S)| = |R(S)| = |R(S)|$$

Algorithm outline. $|R(S)| = |R(S)| = |R(S)|$

No a case we have a region by that subscorrect and ways for $|R(S)|$ when $|R(S)| = |R(S)| = |R(S)|$

Explicit from above:

$$|S = \{1,2,3\}\}, \quad P_2(S) = \{\{1,2\},\{1,3\},\{2,3\}\}, |R(S)| = |R(S)|$$

Would $|R(S)| = |R(S)| = |R(S)| = |R(S)|$

whis missing? All $|R(S)| = |R(S)| = |R(S)|$

While missing? All $|R(S)| = |R(S)| = |R(S)|$

Start w/
$$P_{k-1}(S\{3\})$$
, and then add 3 to each one.
 $P_2(S\{3\}) = \{(1,2)\}$ $P_k(S)$.
 $P_1(S\{3\}) + 3 = \{(1,3), (2,3)\}$.
 $P_2(S\{3\}) + 3 = \{(1,3), (2,3)\}$.
 $P_1(S\{3\}) + 3 = \{(1,3), (2,3)\}$.
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 $P_2(S\{3\}) + 3 = \{(1,3), (2,3)\}$.

Resarding last project: think of it as a multi din ensional