



1) How many possible metalus for evand 1?

Sine the 4 models choosing 4 (distinct) groups of 2 players each. over it distinut in

a neterest red life serse,

no count there up to pentative of labels.

2) How many possible outcomes for round 1?

BONUS >> Kow many total outcome of the compelition?

Say, there are 15 people, out of which 3 are children.

They are to travel in cars that covery 7, 5 and 3 people.

Find P[all 3 dildren hard togethe].

dildren travel togethe].

$$\frac{\binom{12}{7,5} + \binom{12}{4,5,3} + \binom{12}{7,2,3}}{\binom{15}{7,5,3}} + \binom{12}{7,2,3} \xrightarrow{3,7 \text{ or } 5-\text{people cm}} \underbrace{\text{they'er obsjoint}}_{\text{ereds}}$$

ereds.