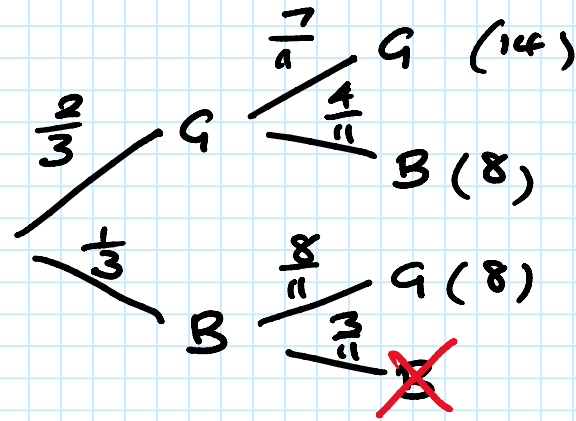


Ex 12G

Thursday, 28 February 2019 10:10 AM

$$19/ P(GG | \geq 1G) = \frac{14}{30}$$

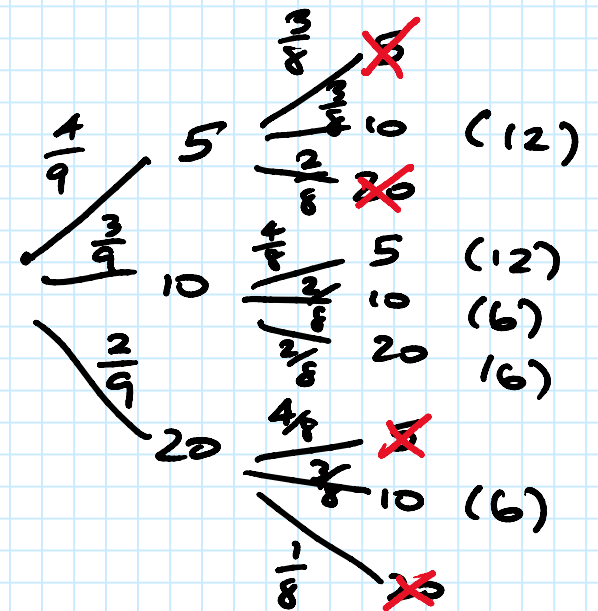
$$= \frac{7}{15}$$



$$21/ P(\geq \$20 | \geq \text{one } \$10 \text{ picked})$$

$$= \frac{18}{42}$$

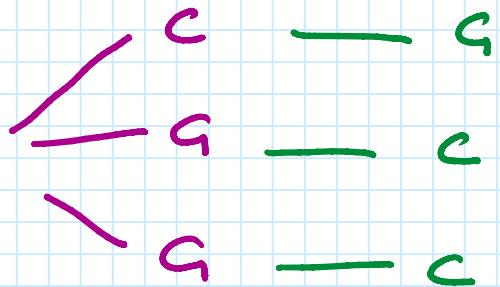
$$= \frac{3}{7}$$



25/ regardless of my first bet

25/ regardless of my first choice  
the host will always open a door  
with a goat, leaving two doors  
one with a car, the other with a goat

Choice 1



Choice 2 (swap doors)

$\therefore$  if I swap

$$\underline{P(\text{car}) = \frac{2}{3}}$$