

$$\frac{36}{36+16}$$

| | John | Jim | |
|------|-----------------------------------|-----------------------------------|-----|
| John | John wins 36% | John 36% | 60% |
| Jim | John 36% | Jim wins 16% | 40% |

48% : game on
(still deuce)

$$\begin{aligned}
 &.36 + (.48) \cdot .36 + (.48)^2 \cdot .36 \\
 &+ (.48)^3 \cdot .36 \\
 &= \frac{.36}{1 - .48}
 \end{aligned}$$

www.crossbearer.com/software/press/pyl.html

OR

search "press your luck" pc (1st hit)