Math worksheet on *'Probability - Cards, From Hand, Pick Two Ordered, To Equation (Level 1)'*. Part of a broader unit on *'Probability and Counting - Multiple Events - Practice'*

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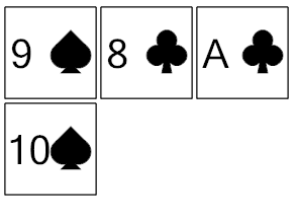
1



Calculate the probability of drawing 9, 10 in order. Show as an equation

P(9, 10 in order)

a $\frac{1}{4} \cdot \frac{1}{3}$

b $\frac{2}{2}$

c $\frac{3}{4}$

d $\frac{1}{6} \cdot \frac{1}{5} \cdot \frac{1}{4}$

e $\frac{2}{4} \cdot \frac{2}{3} \cdot \frac{2}{2}$

2

Calculate the probability of drawing King, Ace in order. Show as an equation

P(K, A in order)

a $\frac{3}{2} \cdot \frac{3}{2} \cdot \frac{3}{2} \cdot \frac{3}{2}$

b $\frac{1}{3} \cdot \frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2}$

c $\frac{3}{4}$

d $\frac{1}{3} \cdot \frac{1}{2}$

e $\frac{1}{2}$

3

Calculate the probability of drawing Ace, 2 in order. Show as an equation

P(A, 2 in order)

a $\frac{1}{3} \cdot \frac{1}{2}$

b $\frac{3}{2} \cdot \frac{3}{2}$

c $\frac{1}{4}$

d $\frac{1}{2}$

4

Calculate the probability of drawing Queen, King in order. Show as an equation

P(Q, K in order)

a $\frac{3}{2} \cdot \frac{3}{2}$

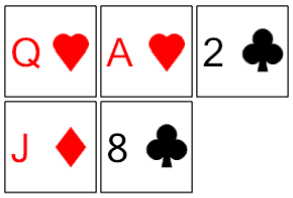
b $\frac{3}{4}$

c $\frac{1}{3} \cdot \frac{1}{2}$

d $\frac{2}{3} \cdot \frac{2}{2}$

e $\frac{2}{4} \cdot \frac{2}{3} \cdot \frac{2}{2}$

5



Calculate the probability of drawing Ace, 2 in order. Show as an equation

P(A, 2 in order)

a $\frac{1}{5} \cdot \frac{1}{4}$

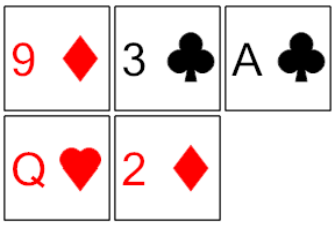
b $\frac{1}{4}$

c $\frac{2}{6} \cdot \frac{2}{5}$

d $\frac{3}{4} \cdot \frac{3}{3}$

6

Calculate the probability of drawing 2, 3 in order. Show as an equation



P(2, 3 in order)

a $\frac{1}{5} \cdot \frac{1}{4}$

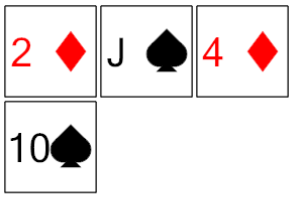
b $\frac{1}{5} \cdot \frac{1}{4} \cdot \frac{1}{3} \cdot \frac{1}{2}$

c $\frac{2}{6} \cdot \frac{2}{5} \cdot \frac{2}{4}$

d $\frac{1}{4} \cdot \frac{1}{3} \cdot \frac{1}{2} \cdot \frac{1}{2}$

e $\frac{2}{3} \cdot \frac{2}{2} \cdot \frac{2}{2} \cdot \frac{2}{2}$

7



Calculate the probability of drawing 10, Jack in order. Show as an equation

P(10, J in order)

a $\frac{1}{4} \cdot \frac{1}{3}$

b $\frac{2}{4}$

c $\frac{2}{5} \cdot \frac{2}{4} \cdot \frac{2}{3}$

d $\frac{1}{3} \cdot \frac{1}{2} \cdot \frac{1}{2}$