

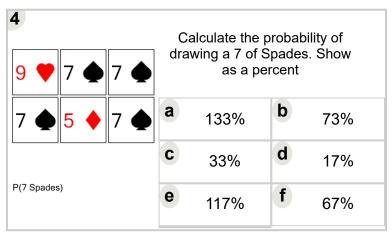
Math worksheet on 'Probability - Cards, From Hand, Pick One, To Percent (Level 2)'. Part of a broader unit on 'Probability and Statistics - Counting and Probability Foundations'

Learn online: app.mobius.academy/math/units/probability and statistics probability/

| 1 K ♦ 2 ♦ | 2 ♦ | Calculate the probability of drawing a 2 of Diamonds. Show as a percent | | | | |
|----------------|-----|---|-----|---|------|--|
| 10 2 ♦ | 7 🔷 | а | 27% | b | 42% | |
| A 🖤 | | С | 0% | d | 100% | |
| P(2 Diamouhds) | | е | 43% | f | 14% | |

| 10 ♦ | 5 | ♣ | 4 | • | Calculate the probability of drawing a 4 of Diamonds. Show as a percent | | | | | | | |
|------------|-----|----------|---|---|---|-----|---|-----|--|--|--|--|
| J 🔷 | 8 | • | 6 | • | а | 22% | b | 33% | | | | |
| 4 • | | | | | C | 40% | d | 29% | | | | |
| P(4 Diamor | ds) | | | | е | 43% | f | 14% | | | | |

| 3 A 4 | K 🛖 | 4 🏚 | | ing a King | e probability of g of Clubs. Show percent | | |
|-----------------|-----|-----|---|------------|---|------|--|
| K ♣ | K 🛖 | | а | 33% | b | 140% | |
| | | | C | 60% | d | 150% | |
| P(K Clubs) | | | е | 100% | f | 40% | |



| 5 | Calculate the probability of drawing a 6 of Diamonds. Show | | | | | | | | |
|-----------|--|----------|---|---|--------------------------|-----|---|-----|--|
| 6 ♦ | 6 | ♦ | J | • | a 57% b 0% | | | | |
| 7 💠 | | | J | | C | 46% | d | 86% | |
| P(6 Diamo | nds) | | | | е | 68% | f | 67% | |

| Calculate the probability of | | | | | | | | | | |
|------------------------------|---|----------|---|---|--|-----|---|-----|--|--|
| Q 🎔 | 5 | • | J | • | drawing a 9 of Hearts. Show as a percent | | | | | |
| 10 ♦ | 7 | ♦ | 9 | • | a 29% b 14% | | | | | |
| Q 🛖 | | | | | C | 11% | d | 15% | | |
| P(9 Hearts) | | | | | е | 57% | f | 16% | | |

| Calculate the probability of drawing a 9 of Clubs. Show as a percent | | | | | | | | | |
|--|---|---|----------|---|-----|---|------|--|--|
| 3 🛡 | 6 | 9 | ♣ | a | 80% | b | 100% | | |
| 9 🛖 | | | | C | 54% | d | 14% | | |
| P(9 Clubs) | | | | е | 57% | f | 36% | | |