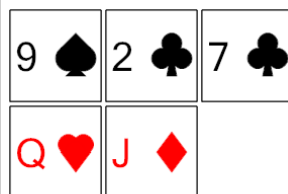**mobiu**

Math worksheet on *'Probability Counting - Ways to O*
5 Cards, 0 Repeats - to Answer (Level 1)'. Part of a
broader unit on *'Probability and Statistics - Probabil*
with Factorials Intro'

Learn online:
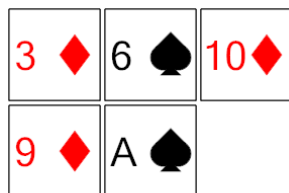app.mobius.academy/math/units/probability_and_statistics_probability_with_factorials

1

| 9 ♠ | 2 ♣ | 7 ♣ |
| Q ♥ | J ♦ | |

How many distinct ways can these cards be ordered?

a	10	b	3
c	1	d	12
e	120	f	9

2

| 3 ♦ | 6 ♠ | 10 ♦ |
| 9 ♦ | A ♠ | |

How many distinct ways can these cards be ordered?

a	3	b	120
c	10	d	15
e	1	f	30

3

| 7 ♥ | 9 ♦ | 8 ♣ |
| 6 ♦ | 10 ♣ | |

How many distinct ways can these cards be ordered?

a	20	b	10
c	1	d	11
e	120	f	30

4

| 8 ♦ | 3 ♣ | J ♥ |
| Q ♥ | A ♠ | |
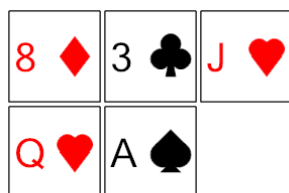
How many distinct ways can these cards be ordered?

a	30	b	14
c	1	d	13
e	120	f	10

5

| Q ♥ | 5 ♣ | J ♥ |
| K ♦ | 6 ♥ | |
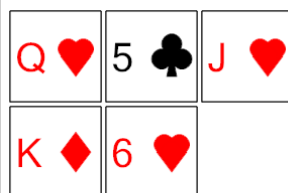
How many distinct ways can these cards be ordered?

a	120	b	19
c	30	d	1
e	12	f	8

6

| 4 ♠ | 2 ♠ | 9 ♦ |
| 6 ♠ | Q ♠ | |

How many distinct ways can these cards be ordered?

a	18	b	10
c	30	d	14
e	120	f	1

7

| 10 ♠ | 9 ♣ | Q ♠ |
| 8 ♣ | 5 ♣ | |
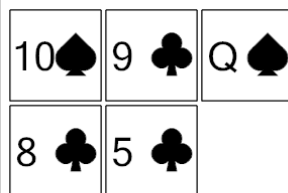
How many distinct ways can these cards be ordered?

a	10	b	120
c	30	d	7
e	15	f	1