QUEBEC MATHEMATICS, CULTURAL, SOCIAL AND TECHNICAL OPTION, SECONDARY V · UNIT D · 10 QUESTIONS

Probability — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **The number of permutations of 9 items taken 3 at a time is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **Two dice are rolled. The number of outcomes giving the stated sum is 2 out of 36. The number of outcomes not giving it is**

ANSWER _____

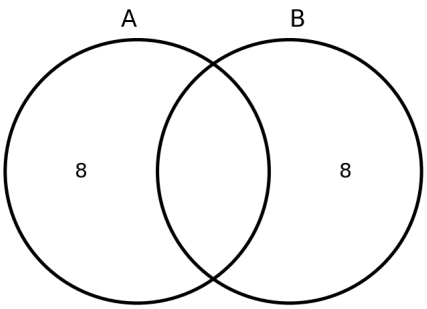
Understand It with Pulse | Flag a mistake

3 **The number of combinations of 6 items taken 3 at a time is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **The diagram shows sets A and B with 8 in A only and 8 in B only. There are 24 in total. The number in both A and B is**



ANSWER

Understand It with Pulse | Flag a mistake

5 **Two events are independent when**

A one does not affect the other

B they cannot both happen

C they always happen together

D one always follows the other

Understand It with Pulse | Flag a mistake

6 **The number of permutations of 14 items taken 2 at a time is**

ANSWER _____

Understand It with Pulse | Flag a mistake

7 **Two dice are rolled. The number of outcomes giving the stated sum is 1 out of 36. The number of outcomes not giving it is**

ANSWER _____

Understand It with Pulse | Flag a mistake

8 **The number of combinations of 12 items taken 2 at a time is**

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **The number of permutations of 13 items taken 2 at a time is**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **Two dice are rolled. The number of outcomes giving the stated sum is 4 out of 36. The number of outcomes not giving it is**

ANSWER

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 504
2. 34
3. 20
4. 8
5. A
6. 182
7. 35
8. 66
9. 156
10. 32

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