QUEBEC MATHEMATICS, TECHNICAL AND SCIENTIFIC 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 **Two dice are rolled. The number of outcomes giving the stated sum is 7 out of 36. The number of outcomes not giving it is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **An event has 2 favourable outcomes out of 10 equally likely outcomes. Its probability is**

A $\frac{1}{}$

B $\frac{1}{}$

C $\frac{1}{}$

D $\frac{1}{}$

Understand It with Pulse | Flag a mistake

3 **The number of combinations of 10 items taken 2 at a time is**

ANSWER _____

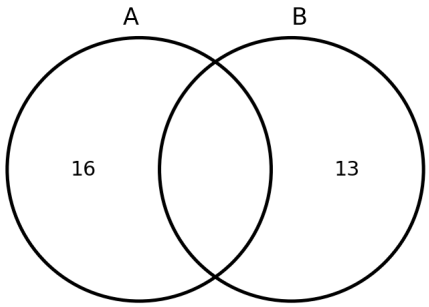
Understand It with Pulse | Flag a mistake

4 **A bag has 70 marbles and 10 are red. The number that are not red is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **The diagram shows sets A and B with 16 in A only and 13 in B only. There are 36 in total. The number in both A and B is**



ANSWER _____

Understand It with Pulse | Flag a mistake

6 **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

7 **A quality check finds 29 defective parts out of 900. The number of good parts is**

ANSWER

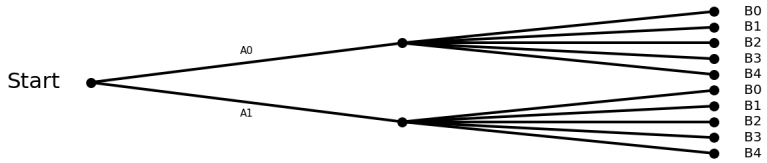
Understand It with Pulse | Flag a mistake

8 **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

9 **A tree diagram has 2 first branches and each splits into 5 branches. The number of outcomes is**



ANSWER

Understand It with Pulse | Flag a mistake

10 **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

ANSWER KEY

1. 29
2. A
3. 45
4. 60
5. 7
6. 34
7. 871
8. 35
9. 10
10. A

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