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

Probability — Practice Test

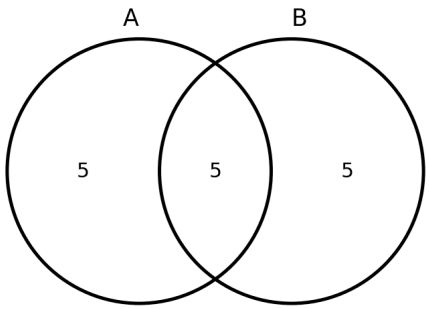
This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **In a lottery 500 tickets are sold and 100 win a prize. The number of losing tickets is**

ANSWER _____

Understand It with Pulse | Flag a mistake

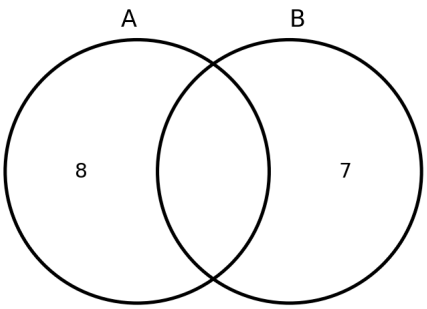
2 **The diagram shows sets A and B with 5 in A only 5 in both and 5 in B only. The number in A or B is**



ANSWER _____

Understand It with Pulse | Flag a mistake

3 **The diagram shows sets A and B with 8 in A only and 7 in B only. There are 21 in total. The number in both A and B is**



ANSWER _____

Understand It with Pulse | Flag a mistake

4 **A bag has 3 red marbles and 5 blue marbles. The probability of drawing a red marble is**

A 3

B 1

C 1

D 2

Understand It with Pulse | Flag a mistake

5 **In a lottery 200 tickets are sold and 50 win a prize. The number of losing tickets is**

ANSWER _____

Understand It with Pulse | Flag a mistake

6 **A fair die is rolled once. The probability of rolling a 3 is**

A 1

B 1

C 1

D 2

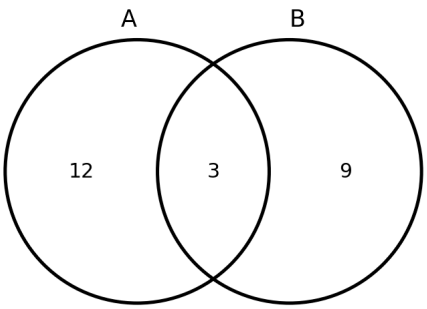
Understand It with Pulse | Flag a mistake

7 **The number of permutations of 5 items taken 2 at a time is**

ANSWER _____

Understand It with Pulse | Flag a mistake

8 **The diagram shows sets A and B with 12 in A only 3 in both and 9 in B only. The number in A or B is**



ANSWER

Understand It with Pulse | Flag a mistake

9 **A coin is tossed 4 times. The number of possible outcomes is**

ANSWER

Understand It with Pulse | Flag a mistake

10 **The number of combinations of 9 items taken 2 at a time is**

ANSWER

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 400
2. 15
3. 6
4. A
5. 150
6. A
7. 20
8. 24
9. 16
10. 36

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