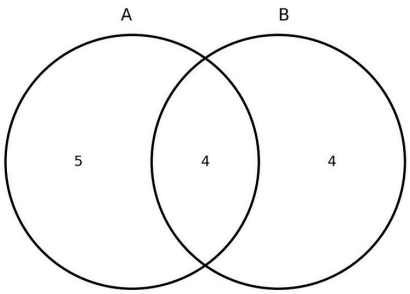
MANITOBA ESSENTIAL MATHEMATICS 20S · UNIT E · 25 QUESTIONS

Statistics — 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 Venn diagram shows 5 in A only, 4 in both, and 4 in B only. The number in both sets is**



Question 1

The Venn diagram shows 5 in A only, 4 in both, and 4 in B only. The number in both sets is

ANSWER

Understand It with Pulse | Flag a mistake

2 **The mean of 7, 9, 11, and 13 is**

ANSWER

Understand It with Pulse | Flag a mistake

3 **The median of 7, 9, 12, 14, and 16 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **A data set ranges from 7 to 22. Its range is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **In the data set 4, 7, 4, 9, 4, the mode is**

ANSWER _____

Understand It with Pulse | Flag a mistake

6 **A bag has 3 red balls out of 12 balls in total. The probability of drawing red, as a percent, is**

ANSWER _____

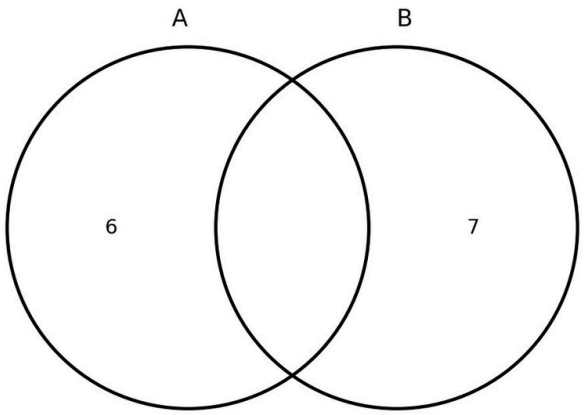
Understand It with Pulse | Flag a mistake

7 **The number of ways to choose 2 items from 8 items is**

ANSWER _____

Understand It with Pulse | Flag a mistake

8 **The Venn diagram shows 6 in A only and 7 in B only. There are 19 in total. The number in both sets is**



Question 8

The Venn diagram shows 6 in A only and 7 in B only. There are 19 in total. The number in both sets is

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **The mean of 2, 4, 6, and 8 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **The median of 8, 10, 13, 15, and 17 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

11 **A data set ranges from 8 to 25. Its range is**

ANSWER _____

Understand It with Pulse | Flag a mistake

12 **In the data set 5, 8, 5, 10, 5, the mode is**

ANSWER _____

Understand It with Pulse | Flag a mistake

13 **A bag has 2 red balls out of 10 balls in total. The probability of drawing red, as a percent, is**

ANSWER _____

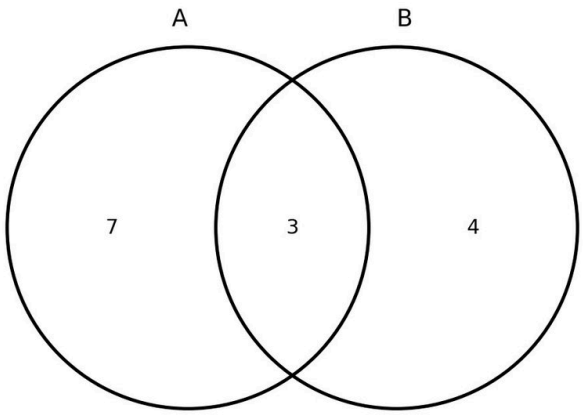
Understand It with Pulse | Flag a mistake

14 **The number of ways to choose 2 items from 4 items is**

ANSWER

Understand It with Pulse | Flag a mistake

15 **The Venn diagram shows 7 in A only, 3 in both, and 4 in B only. The number in both sets is**



Question 15

The Venn diagram shows 7 in A only, 3 in both, and 4 in B only. The number in both sets is

ANSWER

Understand It with Pulse | Flag a mistake

16 **A triangle with all sides equal is**

A equilateral

B isosceles

C scalene

D right

Understand It with Pulse | Flag a mistake

17 **A triangle with two sides equal is**

A equilateral

B isosceles

C scalene

D obtuse

Understand It with Pulse | Flag a mistake

18 **A triangle with no sides equal is**

A isosceles

B equilateral

C scalene

D right

Understand It with Pulse | Flag a mistake

19 **The longest side of a right triangle is the**

A adjacent

B opposite

C leg

D hypotenuse

Understand It with Pulse | Flag a mistake

20 **In a right triangle, the side opposite the right angle is the**

- A hypotenuse
- B adjacent
- C opposite side
- D base

Understand It with Pulse | Flag a mistake

21 **The sum of the interior angles of a triangle is**

- A 90 degrees
- B 180 degrees
- C 270 degrees
- D 360 degrees

Understand It with Pulse | Flag a mistake

22 **The sum of the interior angles of a quadrilateral is**

A 180 degrees

B 270 degrees

C 360 degrees

D 540 degrees

Understand It with Pulse | Flag a mistake

23 **A polygon with five sides is a**

A hexagon

B octagon

C heptagon

D pentagon

Understand It with Pulse | Flag a mistake

24 **A polygon with six sides is a**

A hexagon

B pentagon

C octagon

D decagon

Understand It with Pulse | Flag a mistake

25 **A polygon with eight sides is an**

A hexagon

B octagon

C pentagon

D decagon

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	4	**10.**	13	**19.**	D
2.	10	**11.**	17	**20.**	A
3.	12	**12.**	5	**21.**	B
4.	15	**13.**	20	**22.**	C
5.	4	**14.**	6	**23.**	D
6.	25	**15.**	3	**24.**	A
7.	28	**16.**	A	**25.**	B
8.	6	**17.**	B		
9.	5	**18.**	C		

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