CONNECTICUT GEOMETRY · UNIT 4 · 25 QUESTIONS

Data Analysis and 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 mean of the data set 4, 6, 8, 10, 12 is**

ANSWER _____

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2 **The mean of the data set 5, 5, 9, 11, 15 is**

ANSWER _____

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3 **The mean of the data set 2, 7, 7, 10, 14 is**

ANSWER _____

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4 **The mean of the data set 3, 6, 9, 12, 20 is**

ANSWER _____

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5 **The mean of the data set 10, 12, 14, 16, 18 is**

ANSWER _____

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6 **The median of the data set 4, 6, 8, 10, 12 is**

ANSWER _____

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7 **The median of the data set 5, 5, 9, 11, 15 is**

ANSWER _____

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8 **The median of the data set 2, 7, 7, 10, 14 is**

ANSWER _____

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9 **The median of the data set 3, 6, 9, 12, 20 is**

ANSWER _____

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10 **The median of the data set 10, 12, 14, 16, 18 is**

ANSWER _____

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11 **The range of the data set 4, 6, 8, 10, 12 is**

ANSWER _____

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12 **The range of the data set 5, 5, 9, 11, 15 is**

ANSWER _____

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13 **The range of the data set 2, 7, 7, 10, 14 is**

ANSWER _____

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14 **The range of the data set 3, 6, 9, 12, 20 is**

ANSWER _____

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15 **The range of the data set 10, 12, 14, 16, 18 is**

ANSWER _____

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16 **A bag has 3 red marbles and 7 blue marbles. The probability of drawing a red marble is**

A $\frac{7}{10}$

B $\frac{3}{7}$

C $\frac{1}{3}$

D $\frac{3}{10}$

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17 **A bag has 4 red marbles and 6 blue marbles. The probability of drawing a red marble is**

A $\frac{4}{10}$

B $\frac{6}{10}$

C $\frac{4}{6}$

D $\frac{1}{3}$

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18 **A bag has 2 red marbles and 8 blue marbles. The probability of drawing a red marble is**

- **A** $\frac{8}{10}$
- **B** $\frac{2}{10}$
- **C** $\frac{2}{8}$
- **D** $\frac{1}{3}$

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19 **A bag has 6 red marbles and 4 blue marbles. The probability of drawing a red marble is**

- **A** $\frac{4}{10}$
- **B** $\frac{6}{4}$
- **C** $\frac{6}{10}$
- **D** $\frac{1}{3}$

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20 **A bag has 1 red marbles and 9 blue marbles. The probability of drawing a red marble is**

- **A** $\frac{9}{10}$
- **B** $\frac{1}{9}$
- **C** $\frac{1}{3}$
- **D** $\frac{1}{10}$

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21 **A bag has 3 red marbles and 7 blue marbles. The probability of NOT drawing a red marble is**

- **A** $\frac{7}{10}$
- **B** $\frac{3}{10}$
- **C** $\frac{7}{3}$
- **D** $\frac{1}{3}$

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22 **A bag has 4 red marbles and 6 blue marbles. The probability of NOT drawing a red marble is**

- **A** $\frac{4}{10}$
- **B** $\frac{6}{10}$
- **C** $\frac{6}{4}$
- **D** $\frac{1}{3}$

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23 **A bag has 2 red marbles and 8 blue marbles. The probability of NOT drawing a red marble is**

- **A** $\frac{2}{10}$
- **B** $\frac{8}{2}$
- **C** $\frac{8}{10}$
- **D** $\frac{1}{3}$

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24 **A bag has 6 red marbles and 4 blue marbles. The probability of NOT drawing a red marble is**

- **A** $\frac{6}{10}$
- **B** $\frac{4}{6}$
- **C** $\frac{1}{3}$
- **D** $\frac{4}{10}$

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25 **A bag has 1 red marbles and 9 blue marbles. The probability of NOT drawing a red marble is**

- **A** $\frac{9}{10}$
- **B** $\frac{1}{10}$
- **C** $\frac{9}{1}$
- **D** $\frac{1}{3}$

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ANSWER KEY

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

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