DELAWARE 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 median of 2, 8, 25, 26, 29 is**

- A 2
- B 25
- C 29
- D 18

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2 **The range of 9, 14, 12, 2, 24 is**

ANSWER _____

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3 **A bag holds 10 marbles, of which 2 are red. The probability of drawing a red marble is**

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

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4 **A bag holds 10 marbles, of which 2 are red. The probability of NOT drawing a red marble is**

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

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5 **The mode of 6, 4, 5, 7, 4 is**

ANSWER _____

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6 **How many ways can 2 items be chosen from 7 items, where order does not matter?**

ANSWER _____

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7 **How many ways can 2 items be arranged from 4 items, where order matters?**

ANSWER _____

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8 **The mean of 10, 14, 12, 7 is**

ANSWER _____

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9 **The median of 3, 11, 15, 16, 22 is**

A 15

B 3

C 22

D 13

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10 **The range of 16, 19, 9, 10, 7 is**

ANSWER _____

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11 **A bag holds 20 marbles, of which 2 are red. The probability of drawing a red marble is**

- **A** $\frac{3}{20}$
- **B** $\frac{18}{20}$
- **C** $\frac{1}{20}$
- **D** $\frac{2}{20}$

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12 **The mode of 14, 12, 13, 11, 11 is**

ANSWER _____

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13 **How many ways can 2 items be arranged from 5 items, where order matters?**

ANSWER _____

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14 **The mean of 19, 8, 5, 3 is**

ANSWER _____

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15 **The median of 16, 19, 23, 25, 27 is**

A 16

B 23

C 27

D 22

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16 **The range of 17, 22, 6, 9, 6 is**

ANSWER _____

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17 A bag holds 10 marbles, of which 3 are red. The probability of drawing a red marble is

- **A** $\frac{4}{10}$
- **B** $\frac{7}{10}$
- **C** $\frac{1}{10}$
- **D** $\frac{3}{10}$

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18 The mode of 5, 3, 2, 4, 2 is

ANSWER _____

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19 How many ways can 2 items be chosen from 8 items, where order does not matter?

ANSWER _____

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20 **The mean of 6, 4, 2, 6 is**

ANSWER _____

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21 **The median of 4, 5, 9, 24, 28 is**

A 4

B 9

C 28

D 14

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22 **The range of 17, 21, 19, 24, 15 is**

ANSWER _____

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23 **A bag holds 20 marbles, of which 5 are red. The probability of drawing a red marble is**

- **A** $\frac{6}{20}$
- **B** $\frac{15}{20}$
- **C** $\frac{1}{20}$
- **D** $\frac{5}{20}$

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24 **A bag holds 20 marbles, of which 3 are red. The probability of NOT drawing a red marble is**

- **A** $\frac{17}{20}$
- **B** $\frac{3}{20}$
- **C** $\frac{20}{3}$
- **D** $\frac{1}{20}$

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25 **The mode of 13, 16, 13, 14, 15 is**

ANSWER

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ANSWER KEY

1. B
2. 22
3. D
4. A
5. 4
6. 21
7. 12
8. 10.75
9. A
10. 12
11. D
12. 11
13. 20
14. 8.75
15. B
16. 16
17. D
18. 2
19. 28
20. 4.5
21. B
22. 9
23. D
24. A
25. 13

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