CONNECTICUT GEOMETRY · UNIT 1 · 5 QUESTIONS

Congruence and Similarity — 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 **Under a dilation centered at the origin with scale factor 2, the point (2, 3) maps to**

- A (2, 6)
- B (4, 6)
- C (4, 3)
- D (4, 5)

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2 **Under a dilation centered at the origin with scale factor 3, the point (1, 4) maps to**

A (1, 12)

B (3, 4)

C (3, 12)

D (4, 7)

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3 **Under a dilation centered at the origin with scale factor 2, the point (3, 2) maps to**

A (3, 4)

B (6, 2)

C (5, 4)

D (6, 4)

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4 **Under a dilation centered at the origin with scale factor 2, the point (-2, 5) maps to**

- **A** (-4, 10)
- **B** (-2, 10)
- **C** (-4, 5)
- **D** (0, 7)

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5 **Under a dilation centered at the origin with scale factor 3, the point (4, -1) maps to**

- **A** (4, -3)
- **B** (12, -3)
- **C** (12, -1)
- **D** (7, 2)

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ANSWER KEY

1. B
2. C
3. D
4. A
5. B

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