ARIZONA 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 **Colourful spinner wheel is divided into four equal sections. Two right triangles have equal hypotenuses and one pair of equal legs The congruence criterion is**



A HL

B ASA

C SSS

D AAS

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2 **Triangle ABC is congruent to triangle XYZ. Angle B measures 80°. Angle Y measures**

A 100°

B 80°

C 90°

D 20°

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3 **The point (-6, 2) reflected across the y -axis maps to**

A (6, 2)

B (-6, -2)

C (6, -2)

D (-6, 2)

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4 The point (1, 4) rotated 90° clockwise about the origin maps to

- A (-4, 1)
- B (4, -1)
- C (-1, -4)
- D (1, -4)

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5 Under a dilation centered at the origin with scale factor 0.5, the point (8, -6) maps to

- A (4, -3)
- B (16, -12)
- C (8, -3)
- D (4, -6)

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ANSWER KEY

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

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