Name _____

Exploring Shapes: The Magic of Similarity

Multiple Choice Questions

1. What does "similarity" mean in geometry?

a) Shapes with the same size

b) Shapes with different angles and different sides

c) Shapes with different angles and proportional sides

d) Shapes with the same angles and proportional sides

2. Why is similarity important in architecture?

a) It helps architects design buildings of different shapes

b) It allows architects to create structures with the same angles

c) It enables architects to draw accurate proportions

d) It doesn't matter in architecture

3. What is necessary for two shapes to be considered similar?

a) Different angles and proportional sides

b) Same angles and different sides

c) Same angles and proportional sides

d) Different angles and different sides

4. How does similarity help with map-making?

a) It ensures maps have different shapes

b) It allows maps to show accurate proportions of places

c) It makes maps smaller than the actual places

d) It doesn't help with map-making

5. What analogy is used to explain similarity in the passage?

a) Maps and real-world places

b) Birds flying in the sky

c) Fish swimming in the ocean

d) Shapes in different colors

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