

Classifying Triangles

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Geometry

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Two Ways to Classify Triangles

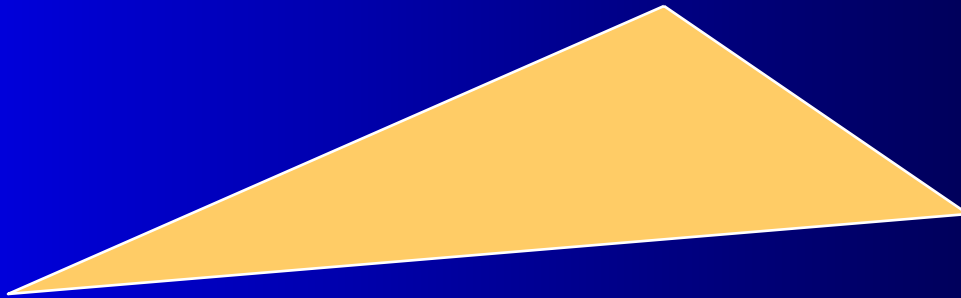
- By Their Sides
- By Their Angles

Classifying Triangles By Their Sides

- Scalene
- Isosceles

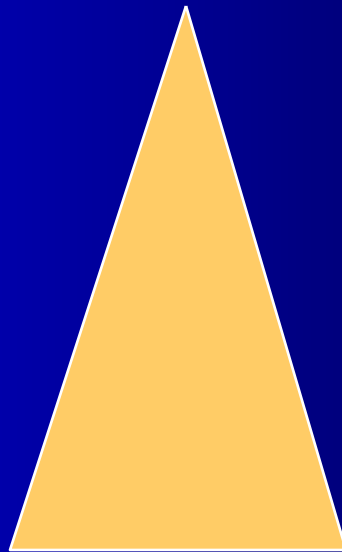
Scalene Triangles

- No sides are the same length



Isosceles Triangles

- At least two sides are the same length

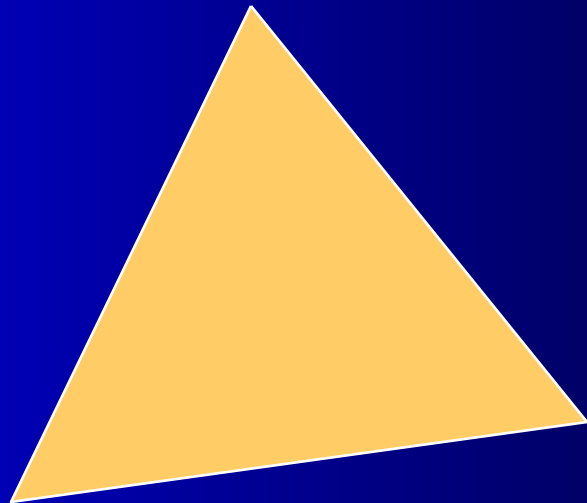


Classifying Triangles By Their Angles

- Acute
- Right
- Obtuse

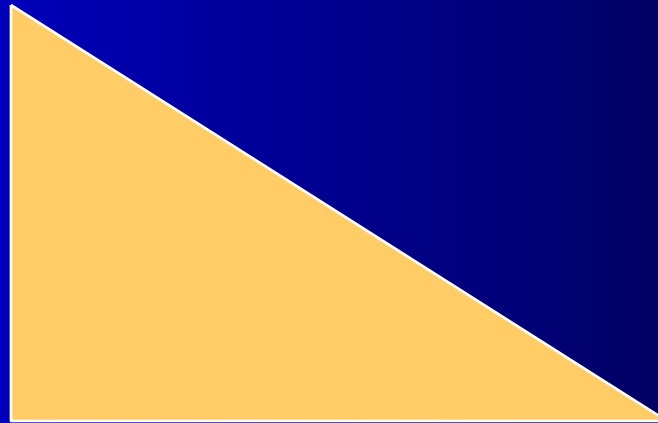
Acute Triangles

- Acute triangles have *three* acute angles



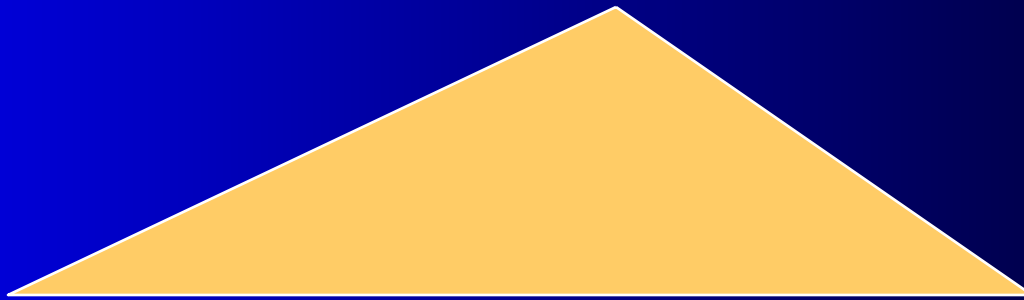
Right Triangles

- Right triangles have one right angle

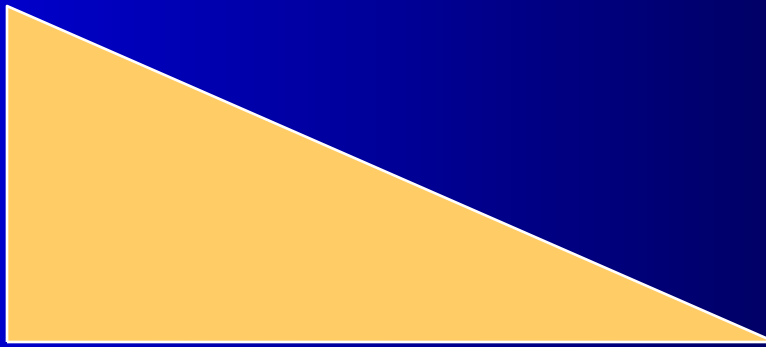


Obtuse Triangles

- Obtuse triangles have one obtuse angle

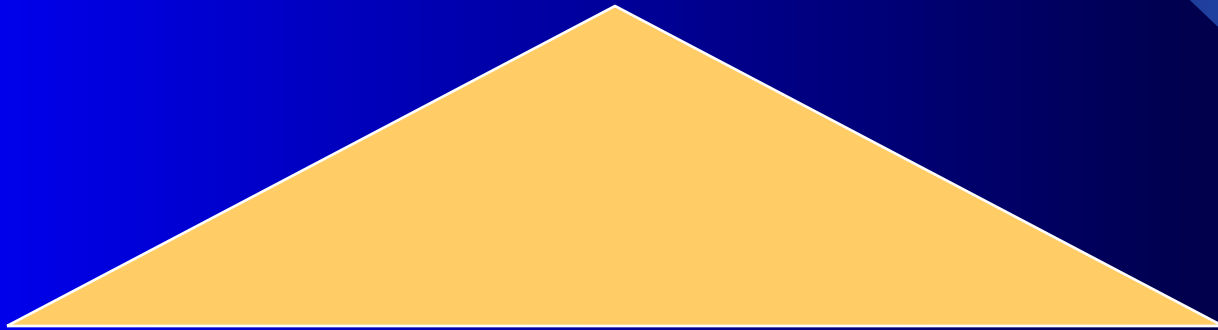


Classify this triangle.



Right Scalene

Classify this triangle.



Obtuse Isosceles

Classify this triangle.

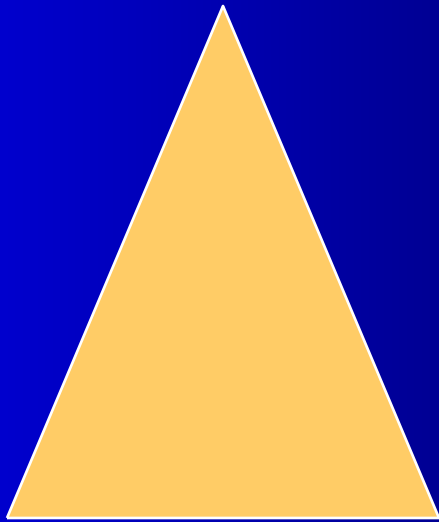


Acute Scalene

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Classify this triangle.



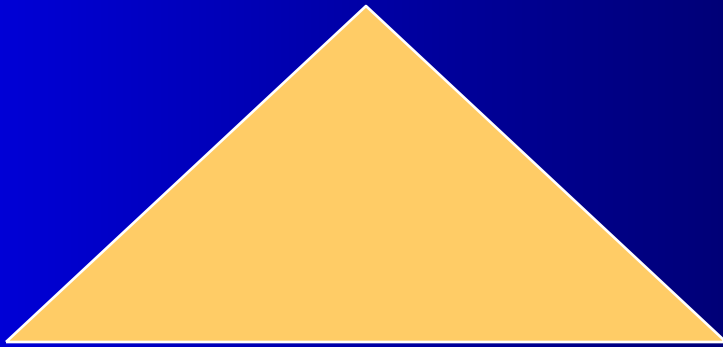
Acute Isosceles

Classify this triangle.



Obtuse Scalene

Classify this triangle.



Right Isosceles