

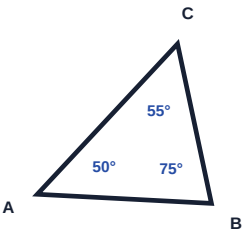
Order Triangle Sides

Use the angle measures to order the opposite sides from longest to shortest or identify the longest and shortest sides.

Section 1: Order all sides

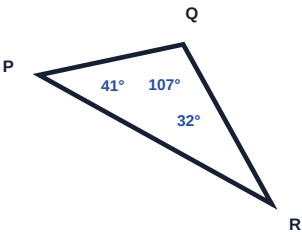
Write the complete order from largest to smallest. Use the opposite side-angle relationship.

1. Order the sides of triangle ABC from longest to shortest.



Largest to smallest:

2. Order the sides of triangle PQR from longest to shortest.



Largest to smallest:

3. Order the sides of triangle XYZ from longest to shortest.

Angle X = 46°, Angle Y = 98°, Angle Z = 36°

Largest to smallest:

4. Order the sides of triangle JKL from longest to shortest.

Angle J = 95°, Angle K = 29°, Angle L = 56°

Largest to smallest:

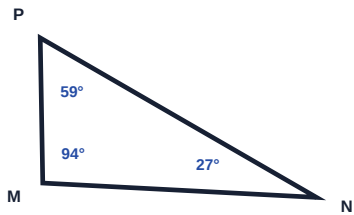
Order Triangle Sides

Use the angle measures to order the opposite sides from longest to shortest or identify the longest and shortest sides.

Section 2: Name the longest and shortest sides

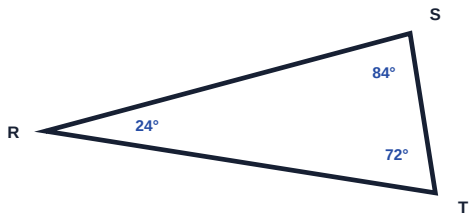
Identify both extremes from the opposite side-angle relationship.

5. Name the longest and shortest sides of triangle MNP.



Largest: _____
Smallest: _____

6. Name the longest and shortest sides of triangle RST.



Largest: _____
Smallest: _____

7. Name the longest and shortest sides of triangle DEF.

Angle D = 69°, Angle E = 80°, Angle F = 31°

Largest: _____
Smallest: _____

8. Name the longest and shortest sides of triangle UVW.

Angle U = 57°, Angle V = 96°, Angle W = 27°

Largest: _____
Smallest: _____
