11-18-13

If I have sides of 10 cm and 8 cm, what would be the possibilities for the 3rd side?

$2 < m < 18$

Sides of 6 cm and 9 cm.

$3 < m < 15$

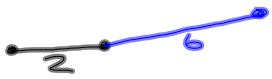
Sides of 8 cm and 8 cm

$0 < m < 16$

Can I make a △ with the measurements of

2, 6, 9

$4 < m < 8$

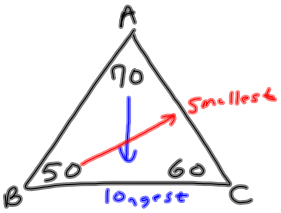


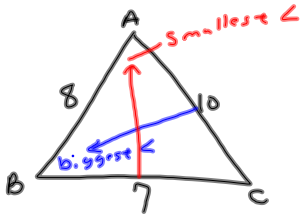
A.) 3, 5, 6 — 2 — 8 ✓

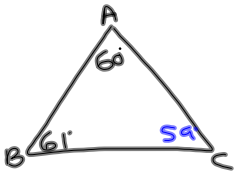
B.) ~~1, 1~~, 8 — 0 — 2 X

C.) 2, 5, 7 — 3 — 7 X

D.) 4, 5, 6 — 1 — 9 ✓

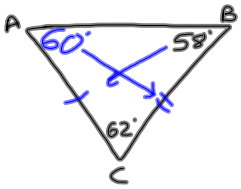






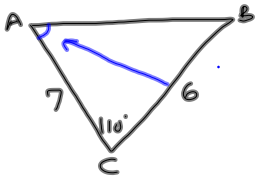
Put sides in order from smallest to largest.

$\overline{AB}, \overline{BC}, \overline{AC}$



$\overline{AC}, \overline{BC}, \overline{AB}$

Put angles in order from smallest to largest.

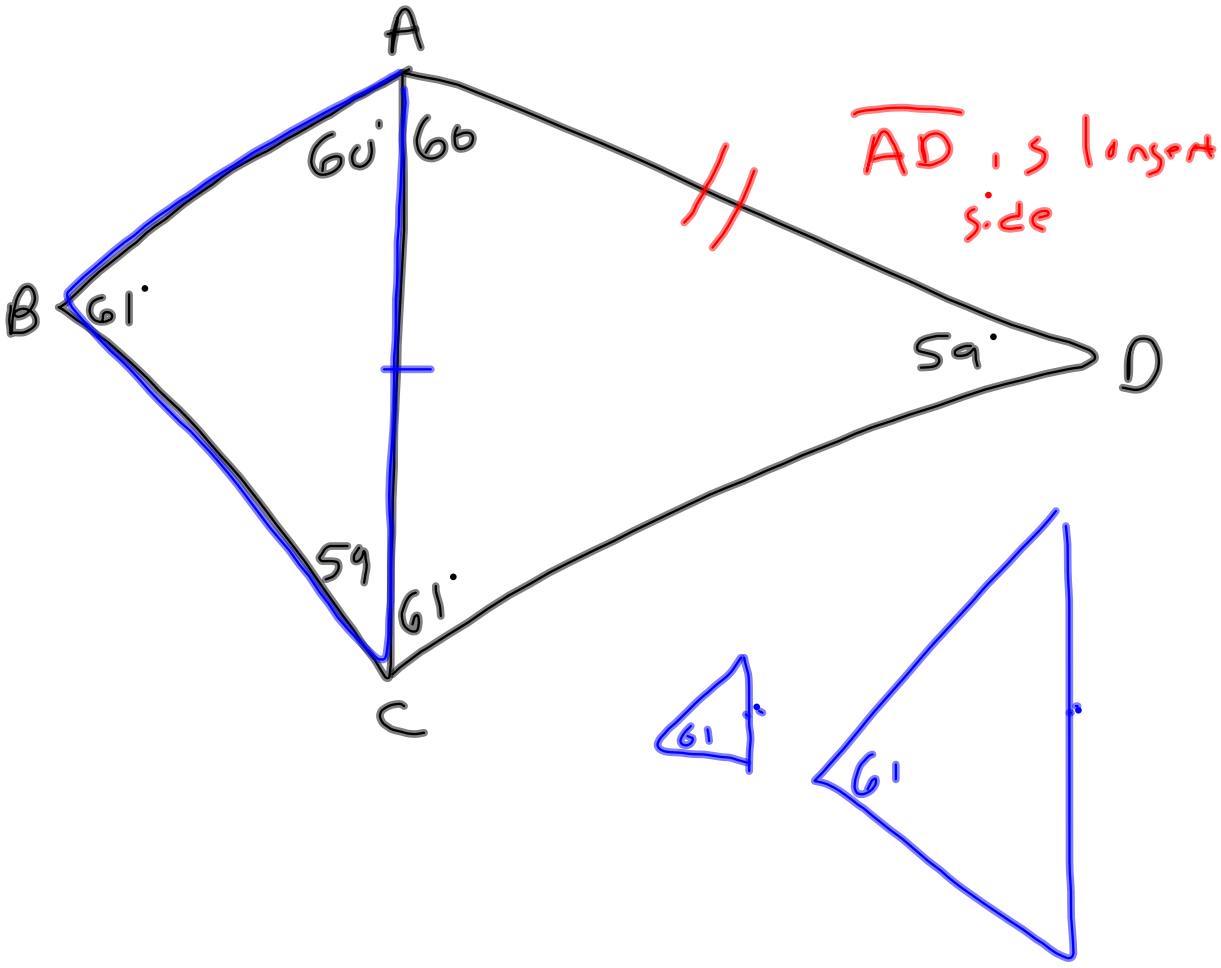


$\angle A, \angle B, \angle C$

1st Period Math	2nd Period P.E.
Tom	Tom
Bob	Rick
Sue	Dave

In 1st period math, Tom weighs the most. In 2nd period P.E, Rick weighs the most. What can you conclude?

Rick weighs more than everybody.


A
B
C
D
60°
60
61°
59°
59
61°
$\overline{AD}$ is longest side
61°
61°

11-18-13
6th Geo

I have 2 sides of a △. They are 4 cm and 10 cm. What could 3rd side be between?

10-4=6
10+4=14 $6 < m < 14$

11, 15 $4 < m < 26$

8, 8 $0 < m < 16$

Which of these below could be △.

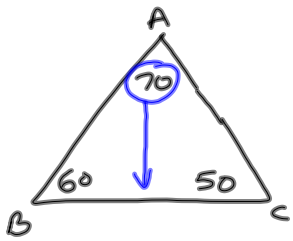
① 6, 6, 9 — 0 — 12 ✓

② 2, 3, 5 — 1 — 5 X

③ 4, 8, 11 — 4 — 12 ✓

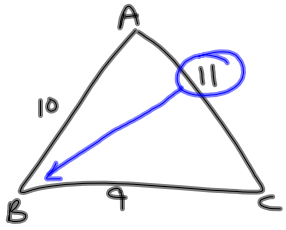
④ 5, 6, 12 — 1 — 11 X

Next section



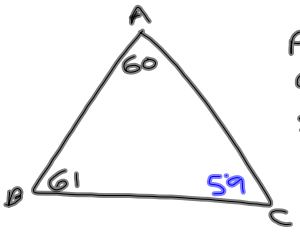
Which side is longest?

$\overline{BC}$



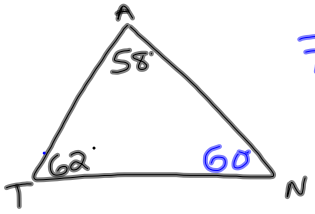
Which ∠ is biggest?

$\angle B$

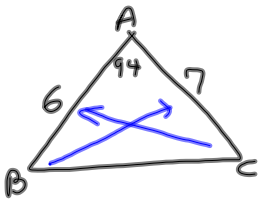


Put sides in order from smallest to largest

$\overline{AB}, \overline{BC}, \overline{AC}$



$\overline{TN}, \overline{AT}, \overline{AN}$



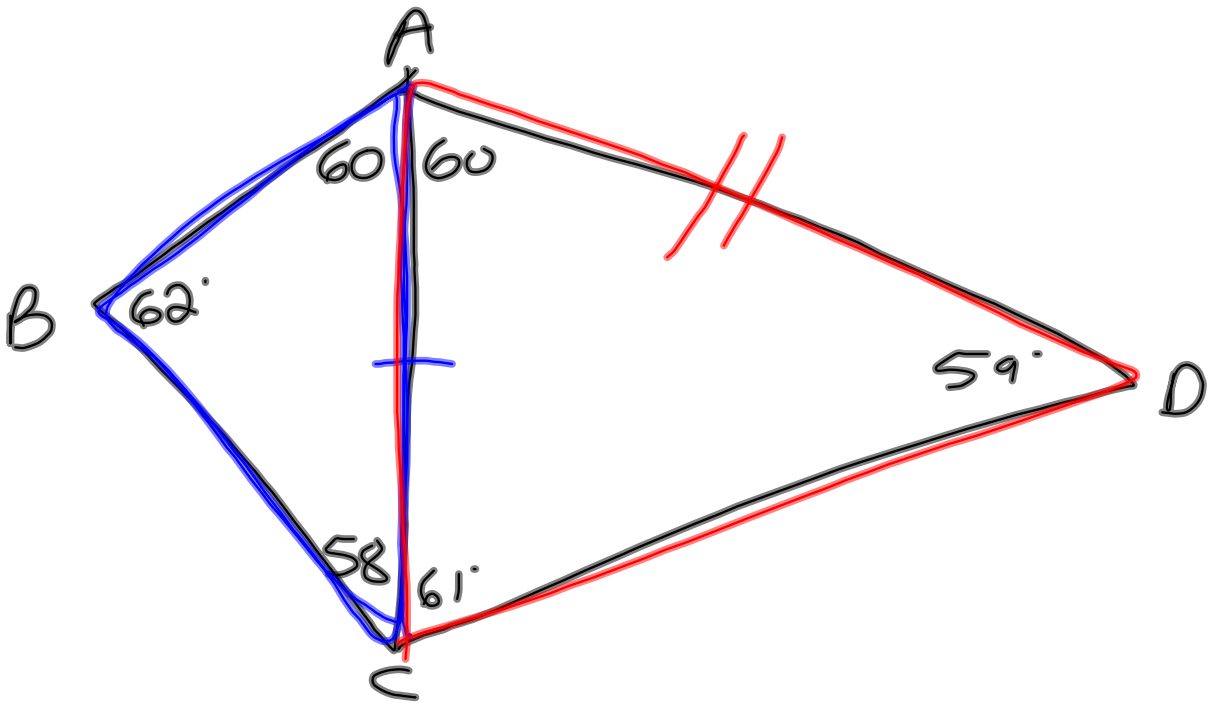
Put angles in order from smallest to largest.

$\angle C, \angle B, \angle A$

1st Period Math	2nd Period English
Joe	Ann
Billy	Billy
Zoe	Timmy

In 1st period, Billy weighs the most. In 2nd period, Timmy weighs the most. What can you conclude?

Timmy weighs more than everyone.


A
60
60
B
62°
59°
D
58
61°
C