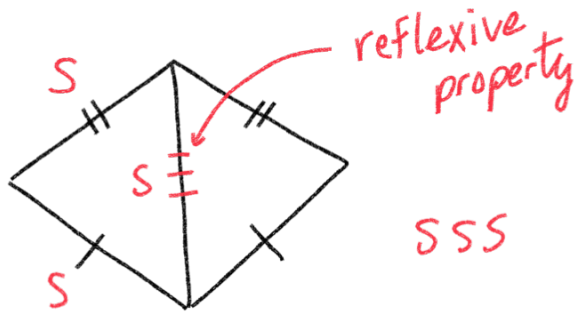


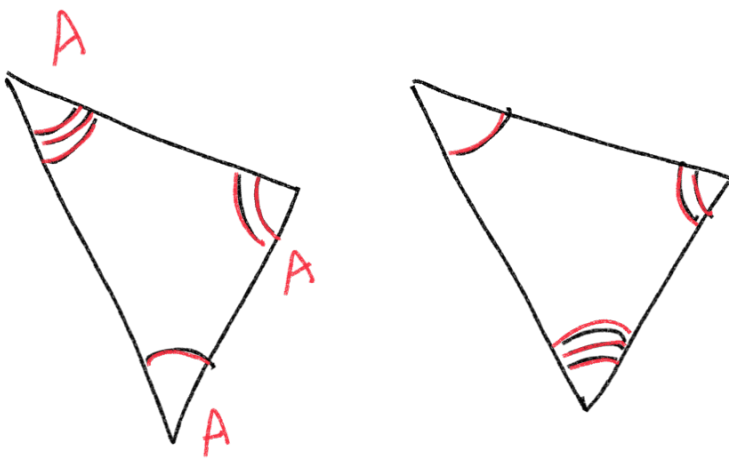
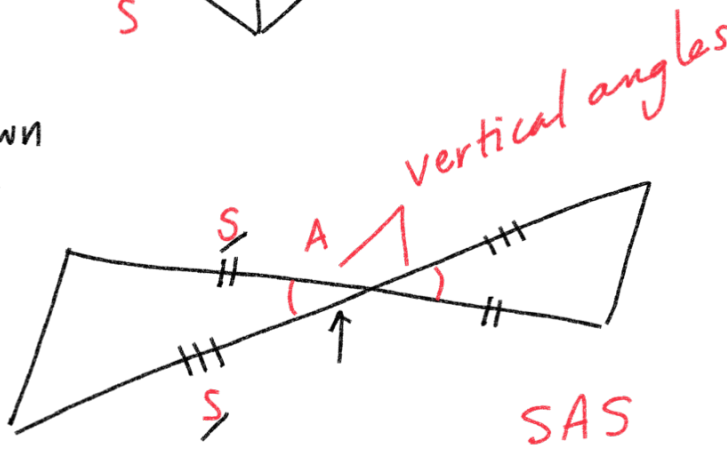
Triangle Congruency

SSS

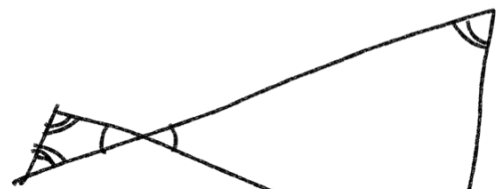
SAS



not drawn
scale

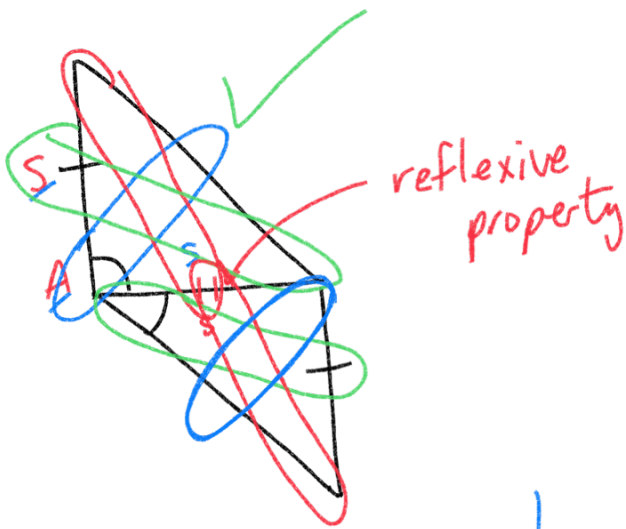


AAA (similarity)
not enough
information



You must have at least
one side in order for
2 triangles to be congruent.

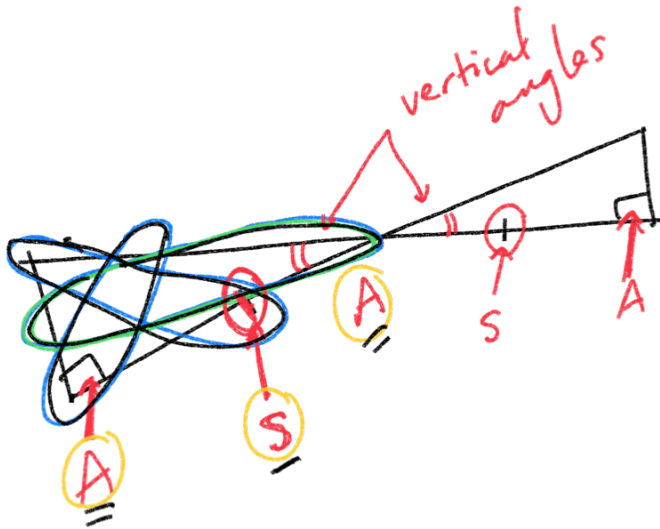
not congruent,
they are similar



~~SAS~~ not enough information

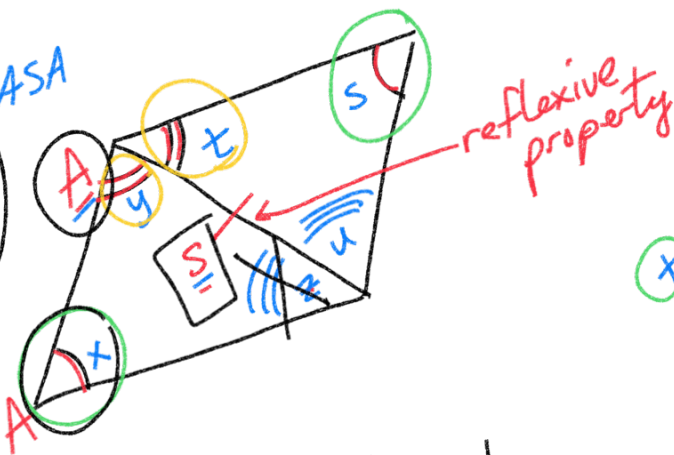
ASA

SSS
SAS
ASA



Because this is ASA

AAS



$$x + y + z = 180$$

Def of Tri

$$s + t + u = 180$$

Def of Tri

$$x + y + z = s + t + u$$

substitution
transitive
given

$$x \cong s$$

$$y + z = t + u$$

$$y \cong t$$

given

$$z = u$$

If 2 angles in a triangle are congruent, then ALL 3 ANGLES are congruent.

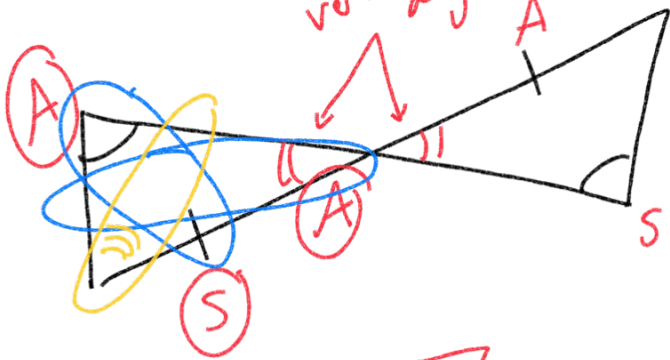
Noah

christmas	birthday	easter	total
\$100	\$50	N	= \$210
\$100	\$50	\$60	
		\$60	
		S	= \$210

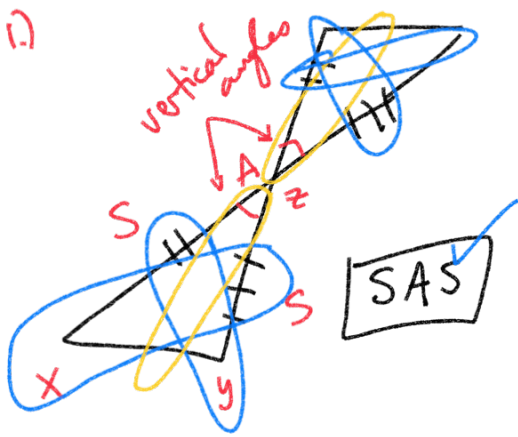
Savanah

$$n = s$$

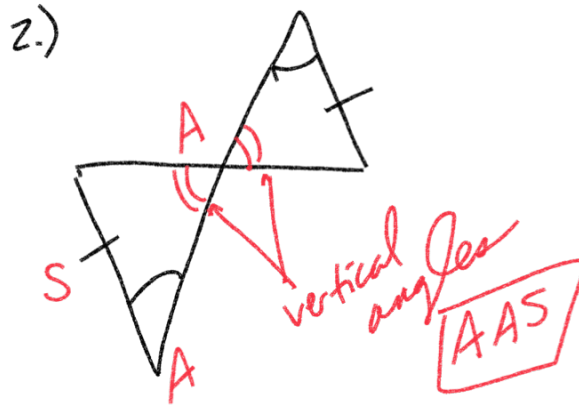
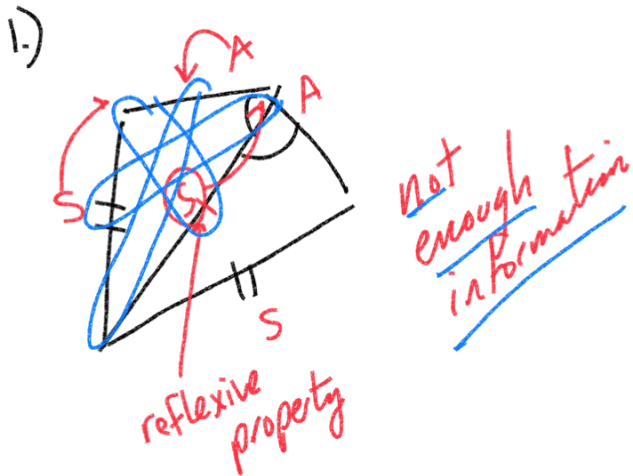
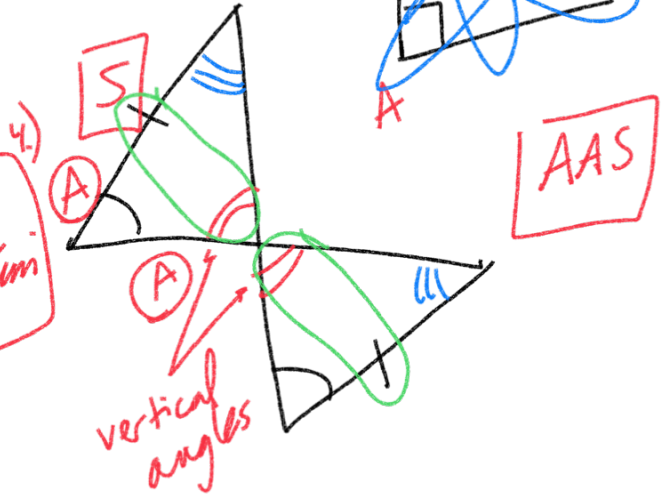
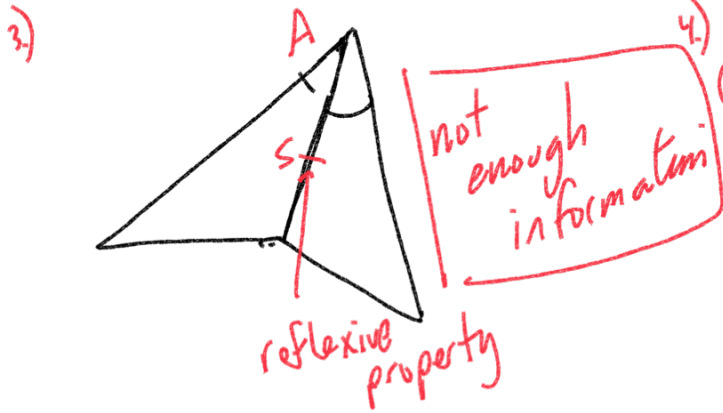
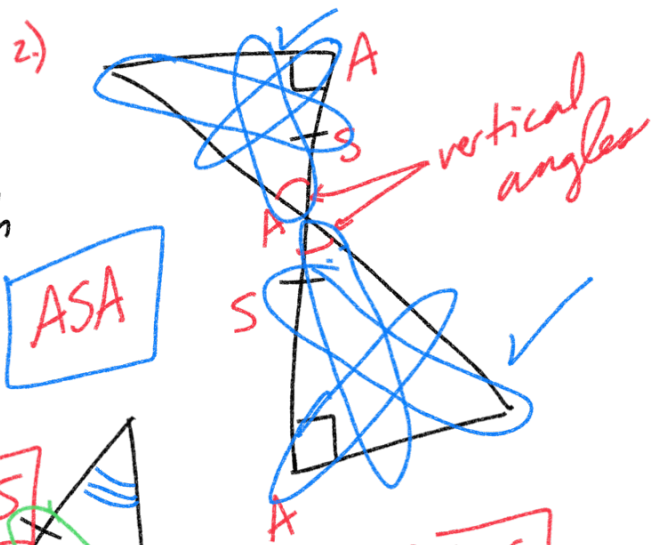
vertical angles



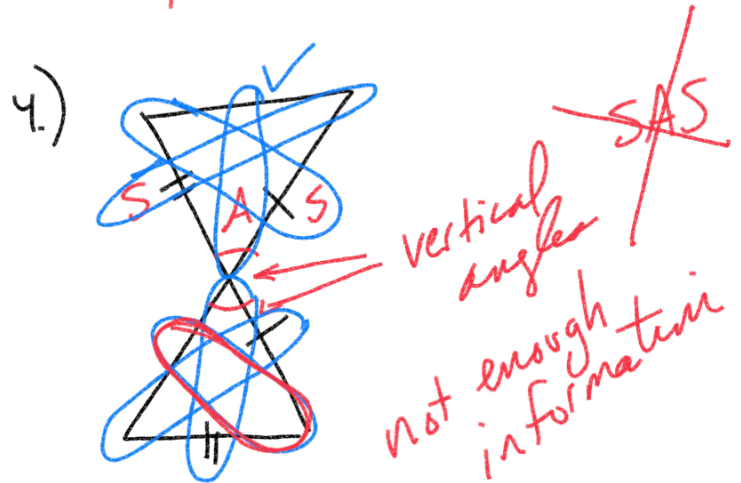
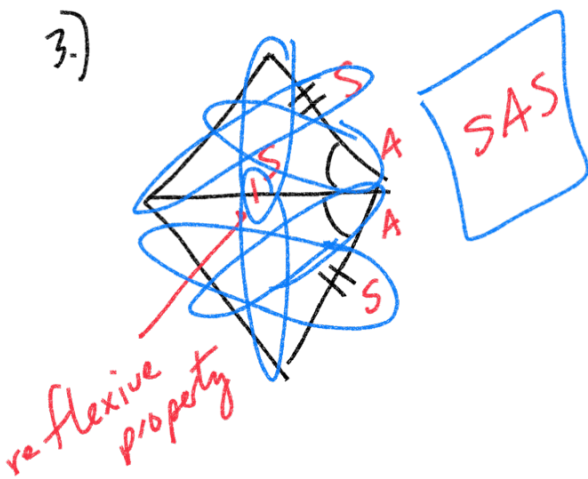
AAS



- SSS
- SAS
- ASA
- AAS
- not enough info



- SSS
- SAS
- ASA
- AAS
- NEI



HW
Ch 4.3 evens
* Supplemental WS
Online HW 19 } Feb 18th
Quiz 19 }
~~Test 3 due ASAP~~
HW/quiz 18 Feb 11th