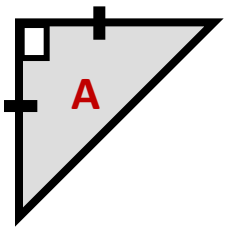
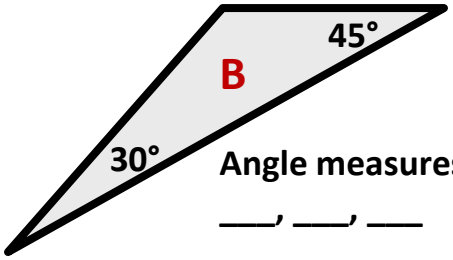
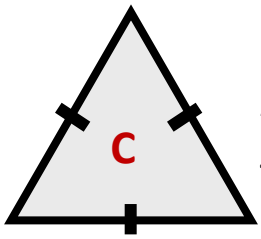
Ch 5 Quiz Review **Name:** _____



Angle measures:
___, ___, ___

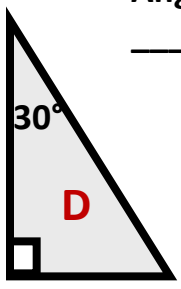


Angle measures:
___, ___, ___

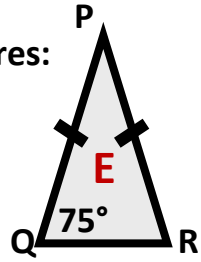


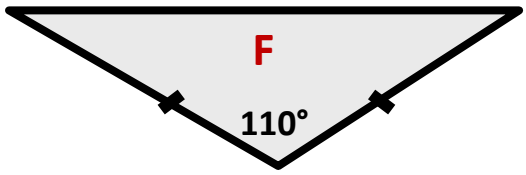
Angle measures:
___, ___, ___

Angle measures:
___, ___, ___



Angle measures:
___, ___, ___





Angle measures:
___, ___, ___

A	B	C	D	E	F

Classify the above triangles by side and then by angle

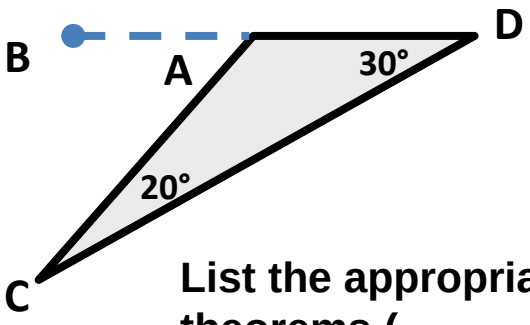
In triangle E above, if PQ = 4*x* + 5, QR = 2*x* + 1, and PR = 6*x* – 3. Find *x* and QR.

In triangle E above, if ∠Q = 6y – 5 (not 75 as shown), ∠R = 5y + 5, and ∠P = 4y + 10. Find y and ∠P.

Given that ΔTVW ≅ ΔDEF, use CPCTC to complete the following:

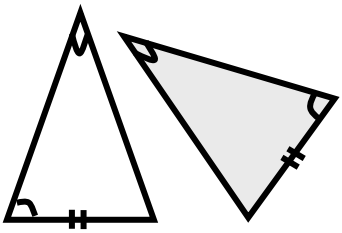
∠W ≅ ∠ _____
∠_____ ≅ ∠ D
∠V ≅ ∠ _____

TW ≅ _____
_____ ≅ DE
_____ ≅ EF

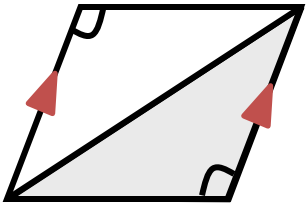


Find m∠BAC = _____°

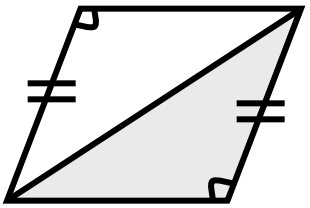
List the appropriate triangle congruence postulates or theorems (_____, _____, _____, or _____) or use NP.



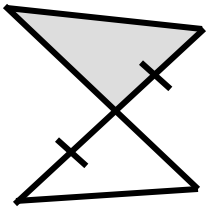
1. _____



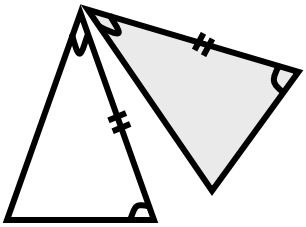
2. _____



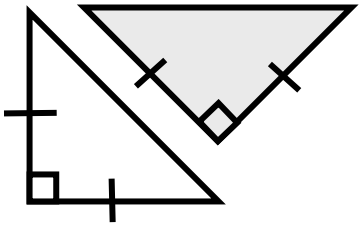
3. _____



4. _____

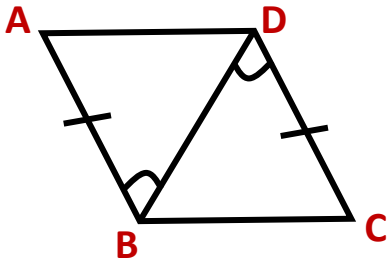


5. _____



6. _____

Statements	Reasons



Given:
AB ≅ DC
∠DBA ≅ ∠BDC

Prove AD ≅ CB