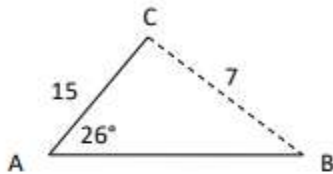
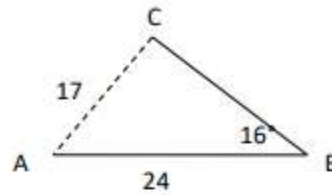


Pre-Calculus – Day 20
 Formative Ticket
 Solving SSA Ambiguous Triangles

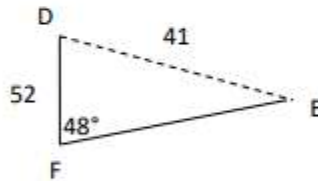
1. For $\triangle ABC$,
 $a = 7$, $b = 15$, and $m\angle A = 26^\circ$. Find all possible $m\angle B$ to the nearest degree.



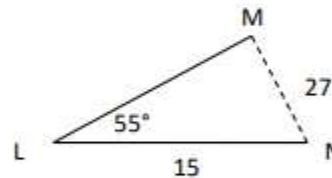
2. For $\triangle ABC$,
 $b = 17$, $c = 24$, and $m\angle B = 16^\circ$. Find all possible $m\angle C$ to the nearest degree.



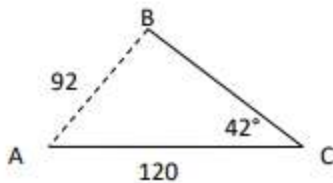
3. For $\triangle DEF$,
 $e = 52$, $f = 41$, and $m\angle F = 48^\circ$. Find all possible $m\angle E$ to the nearest degree.



4. For $\triangle LMN$,
 $l = 27$, $m = 15$, and $m\angle L = 55^\circ$. Find all possible $m\angle M$ to the nearest degree.



5. For $\triangle ABC$,
 $b = 120$, $c = 92$, and $m\angle C = 42^\circ$. How many triangles can be formed?



6. For $\triangle DEF$,
 $d = 6$, $e = 24$, and $m\angle E = 38^\circ$. How many Triangles can be formed?

