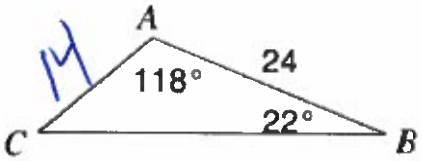
Mathématique Appliquée 30S
Revue : Loi de sinus

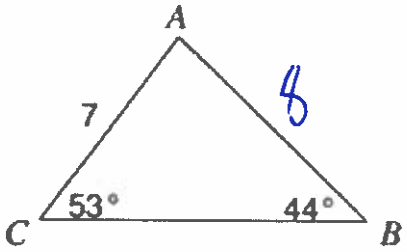
Nom : _____ Date : _____

A) Détermine la mesure indiquée.

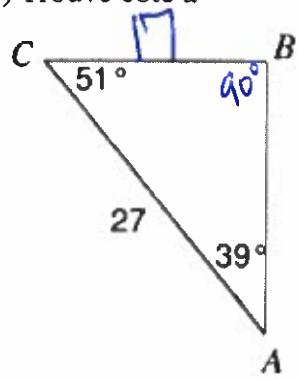
1) Trouve AC



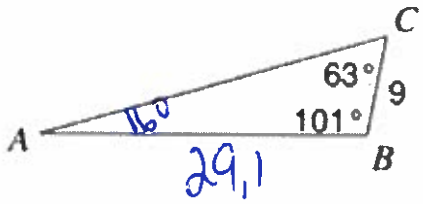
2) Trouve AB



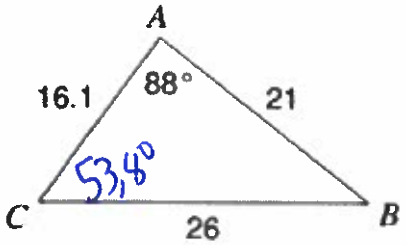
3) Trouve côté a



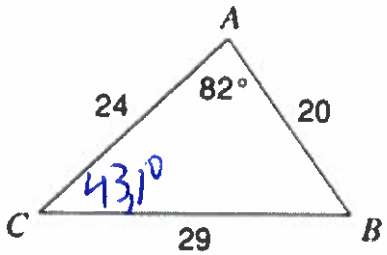
4) Trouve côté c



5) Trouve angle C.

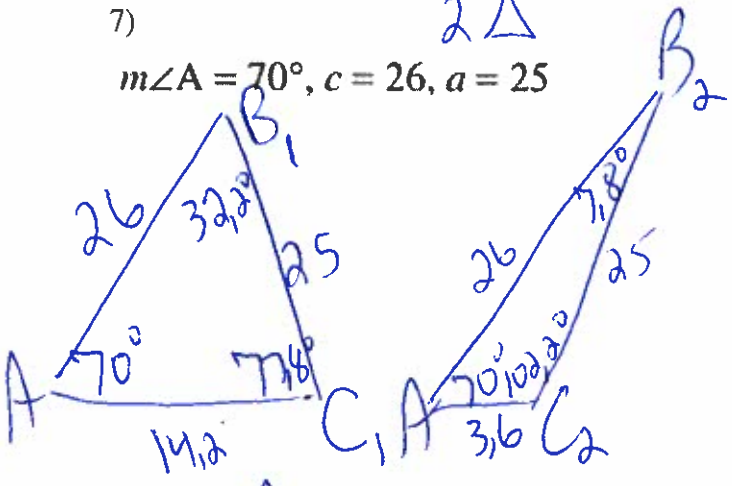


6) Trouve angle C



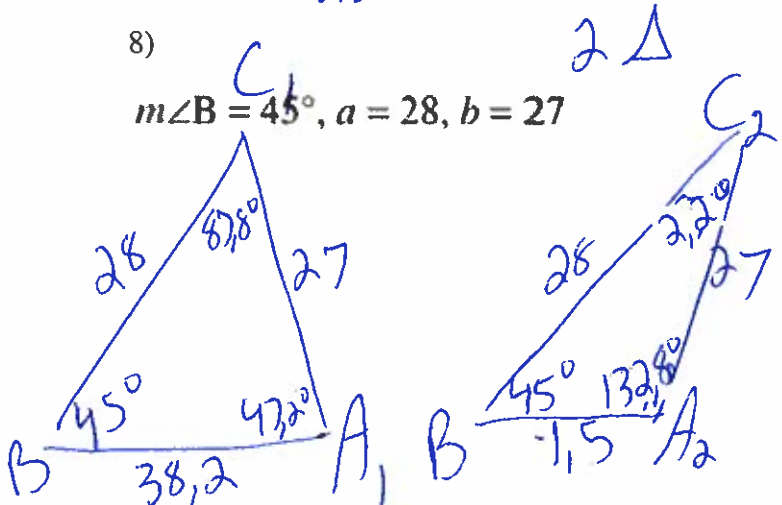
7) $26\sin 70° < 25 < 26$ — 2 △

$m\angle A = 70°, c = 26, a = 25$



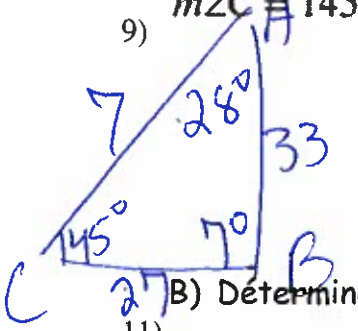
8) $26\sin 45° < 27 < 28$ — 2 △

$m\angle B = 45°, a = 28, b = 27$



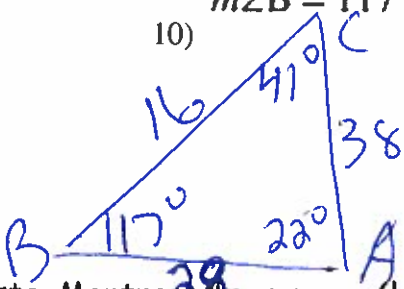
9) $33 > 7$ — 1 △

$m\angle C = 145°, b = 7, c = 33$



10) $38 > 16$ — 1 △

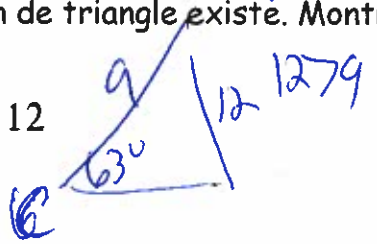
$m\angle B = 117°, a = 16, b = 38$



B) Détermine combien de triangle existe. Montre votre preuve (la formule).

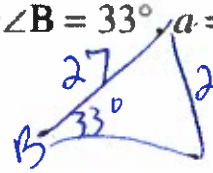
11) — 1 △

$m\angle C = 63°, b = 9, c = 12$



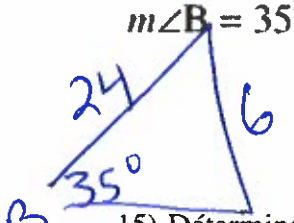
12) $27\sin 33 < 22 < 27$ — 2 △

$m\angle B = 33°, a = 27, b = 22$



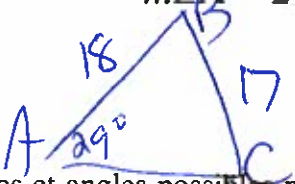
13) $24\sin 35° > 6$ — aucun △

$m\angle B = 35°, a = 24, b = 6$



14) $18\sin 29° < 17 < 18$ — 2 △

$m\angle A = 29°, c = 18, a = 17$



15) Détermine la mesure de tous les côtés possibles et angles possibles pour les questions de #11 – 14 qui ont 2 triangles qui existent