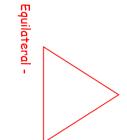
Classifying triangles by their sides



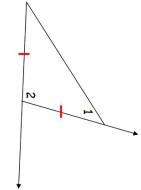
Equiangular -

Isosceles -

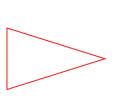
iso_eq_l*i_notes.gwb - 3/12 - Sun Feb 03 2019 13:48:17



What is the value of x when $m \angle 1 = (-3x + 66)^{\circ}$ and $m \angle 2 = (-8x + 160)^{\circ}$?



Base Angle Theorem



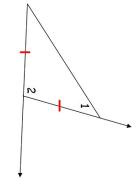
www.mrtownsend.com

When two sides on a triangle are congruent,

ExamView

iso_eq_tri_notes.gwb - 4/12 - Sun Feb 03 2019 13:51:01

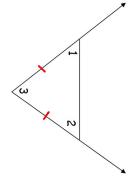
How many degrees is the measure of angle 2 when $m\angle 1 = (2x + 56)^{\circ}$ and $m\angle 2 = (8x + 152)^{\circ}$?



1



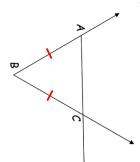
How many degrees is the measure of angle 1 when $m \angle 2 = (-3x + 74)^{\circ}$ and $m \angle 3 = (7x + 25)^{\circ}$?



lso_eq_fi_notes.gwb - 7/12 - Sun Feb 03 2019 13:59:33



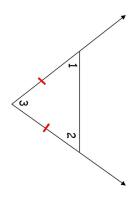
How many degrees is the measure of angle CBA when $m\angle ACB = (2x + 53)^o$ and $m\angle CBA = (7x + 41)^o$?



powered by **ExamVieW**

How many degrees is the measure of angle 3 when $m\angle 1 = (-3x + 30)^{\circ}$ and $m\angle 3 = (8x + 136)^{\circ}$?

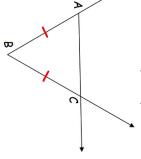
www.mrtownsend.com



iso_eq_tri_notes.gwb - 8/12 - Sun Feb 03 2019 14:00:57



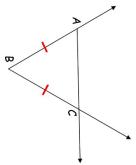
What is the value of x when $m\angle BAC = (3x + 87)^{\circ}$ and $m\angle CBA = (-7x - 3)^{\circ}$?



2



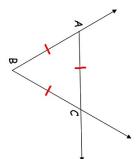
How many units is x when CA = -2x + 41, AB = -7x + 66 and the perimeter of $\triangle ABC$ is 93 units?



iso_eq_fri_notes.gwb - 11/12 - Sun Feb 03 2019 14:09:26



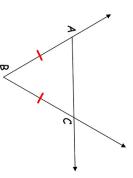
How many units is the perimeter of triangle ABC when CB = 2x + 59 and AB = -8x + 29?



ExamView

How many units is x when CB = -2x + 29, AB = 8x + 49 and the perimeter of $\triangle ABC$ is 102 units?

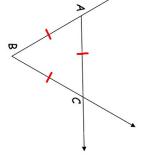
www.mrtownsend.com



iso_eq_ti_notes.gwb - 12/12 - Sun Feb 03 2019 14:12:00



How many units is the measure of CA when BC = 2x + 29 and CA = -8x + 99?



3