

a Find angle x 42° isosceles: base angles equal	b Find angle x 70° isosceles: apex to base angle	c Find angle x 110° isosceles: base angle to apex	d Find angle x 70° the equal angles face the equal sides
e Find angle x 115° exterior angle of a triangle	f Find angle x 40° isosceles with a straight line	g Find angle x 70° isosceles with parallel lines	h Find angle x 75° a hidden isosceles triangle
i Why is $a = b$? alternate angles naming the reason	j Find x $x = 12$ equal angles as an equation	k Write c in terms of a and b $c = a + b$ proof: exterior angle in letters	l Write y in terms of x $y = 90 - \frac{1}{2}x$ proof: base angle from the apex

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