

Answer on Question #74087 - Math - Trigonometry

	A	B	C	a	b	c
1	36.869897645844	53.130102354156	90	9	12	15
2	44.415308597193	45.584691402807	90	4.8989794855664	5	7
3	50	40	90	8	6.7127970494182	10.443258314658
4	73	17	90	5,3553066333930	1,6372815464473	5.6
5	80	10	90	3	0.5289809421254	3.0462798356572

1. $c = \sqrt{a^2 + b^2} .$

$\sin A = a/c .$

$\sin B = b/c .$

2. $a = \sqrt{c^2 - b^2} .$

$\sin A = a/c .$

$\sin B = b/c .$

3. $B = 90 - A .$

$c = a/\sin A .$

$b = c * \sin B .$

4. $A = 90 - B .$

$b = c * \sin B .$

$a = c * \sin A .$

5. $A = 90 - B .$

$c = a/\sin A .$

$b = c * \sin B .$