

Solutions for GeoWorkSheet No. 76

Solutions sheet No. 76			Sine Ratio - Find a Side 1					
Working								
No.	Opp	Adj	Hyp	Angle	Equation	Calculator	1 Dec. Place	Solution
1	a		10	30	$a = 10\sin 30$	5	5	$a = 5$
2	b		100	40	$b = 100\sin 40$	64.278761	64.3	$b = 64.3$
3	c		8	35	$c = 8\sin 35$	4.5886115	4.6	$c = 4.6$
4	d		5	60	$d = 5\sin 60$	4.330127	4.3	$d = 4.3$
5	e		7	40	$e = 7\sin 40$	4.4995133	4.5	$e = 4.5$
6	f		20	38	$f = 20\sin 38$	12.31323	12.3	$f = 12.3$
7	g		30	27	$g = 30\sin 27$	13.619715	13.6	$g = 13.6$
8	h		45	39	$h = 45\sin 39$	28.319418	28.3	$h = 28.3$
9	i		150	36	$i = 150\sin 36$	88.167788	88.2	$i = 88.2$
10	j		12	52	$j = 12\sin 52$	9.456129	9.5	$j = 9.5$
11	k		85	57	$k = 85\sin 57$	71.286998	71.3	$k = 71.3$
12	l		125	42	$l = 125\sin 42$	83.641326	83.6	$l = 83.6$
13	m		40	43	$m = 40\sin 43$	27.279934	27.3	$m = 27.3$
14	n		37	22	$n = 37\sin 22$	13.860444	13.9	$n = 13.9$
15	p		25	51	$p = 25\sin 51$	19.428649	19.4	$p = 19.4$
16	q		2.7	47	$q = 2.7\sin 47$	1.974655	2	$q = 2$
17	r		0.07	56	$r = 0.07\sin 56$	0.0580326	0.1	$r = 0.1$
18	s		4.2	65	$s = 4.2\sin 65$	3.8064927	3.8	$s = 3.8$
19	t		3.8	78	$t = 3.8\sin 78$	3.7169609	3.7	$t = 3.7$
20	u		4.75	71	$u = 4.75\sin 71$	4.4912132	4.5	$u = 4.5$