Name:			
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Math worksheet on 'Trigonometry - Solve Side Lengths from Values (Level 1)'. Part of a broader unit on 'Trigonometry Fundamentals - Practice'

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Solve for the side indicated	$egin{aligned} hyp = 5.1 \end{aligned}$	hyp = 8.8
$eta=35^\circ$	C	d
		hyp=9.5
opp = 4.2		
hyp = ?	hup = 6.6	hyp=8.1
$r^{v}gP$ — .	, age of	gr CII

Solve for the side indicated	a $opp=12.5 \ opp=10.4$
$\lambda=60^\circ$	c d
opp = ?	opp = 6.2  opp = 13.5e f
adj = 6	$opp = 7.3 \ opp = 11.4$

Solve for the side indicated	$oldsymbol{a}{hyp}=14.0$	hyp=24.0
$\sigma=60^\circ$	C	d
hyp = ?		hyp=18.0
adj = 10	hyp = 22.0	hyp = 16.0

4 Solve for the side indicated	$oldsymbol{a}{adj}=6.4$	adj=5.6
$egin{aligned}  heta = 60^\circ \ hyp = 16 \end{aligned}$	$oldsymbol{c}{adj}=8.0$	$egin{aligned} \mathbf{d}\ adj = 11.2 \end{aligned}$
	$oldsymbol{adj} = 9.6$	$egin{array}{c} \mathbf{f} \ adj = 4.8 \end{array}$

5 Solve for the side indicated	$egin{aligned} \mathbf{a} \ opp = 4.7 \end{aligned}$	opp = 2.0
$ heta=40^{\circ} \ hyp=5.2$	$c \ opp = 3.7$	$egin{aligned} \mathbf{d} \ opp = 3.0 \end{aligned}$
opp = ?	opp = 4.0	opp = 3.3

Solve for the side indicated	$egin{aligned} \mathbf{a} \ adj = 3.6 \end{aligned}$	adj= 3.0
$\lambda = 35^{\circ} \ hyp = 3.7$	$egin{array}{c} adj = 2.7 \end{array}$	$egin{array}{c} {f d} \ adj =  ext{4.2} \end{array}$
adj = ?	$egin{array}{c} \mathbf{e} \ adj = 2.1 \end{array}$	$egin{array}{c} \mathbf{f} \ adj = 2.4 \end{array}$

7 Solve for the side indicated	$oldsymbol{a}{hyp}=11.9$	$egin{aligned} \mathbf{b} \ hyp = 11.0 \end{aligned}$
$\mu = 45^{\circ} \ opp = 6$	$egin{aligned} \mathbf{c} \ hyp = 5.1 \end{aligned}$	$egin{aligned} \mathbf{d} \ hyp = 8.5 \end{aligned}$
hyp = ?	hyp = 7.6	hyp = 5.9