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

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1 Solve for the side indicated

$\beta = 35^\circ$

$opp = 4.2$

$hyp = ?$

a $hyp = 5.1$	**b** $hyp = 8.8$
c $hyp = 7.3$	**d** $hyp = 9.5$
e $hyp = 6.6$	**f** $hyp = 8.1$

2 Solve for the side indicated

$\lambda = 60^\circ$

$opp = ?$

$adj = 6$

a $opp = 12.5$	**b** $opp = 10.4$
c $opp = 6.2$	**d** $opp = 13.5$
e $opp = 7.3$	**f** $opp = 11.4$

3 Solve for the side indicated

$\sigma = 60^\circ$

$hyp = ?$

$adj = 10$

a $hyp = 14.0$	**b** $hyp = 24.0$
c $hyp = 20.0$	**d** $hyp = 18.0$
e $hyp = 22.0$	**f** $hyp = 16.0$

4 Solve for the side indicated

$\theta = 60^\circ$

$hyp = 16$

$adj = ?$

a $adj = 6.4$	**b** $adj = 5.6$
c $adj = 8.0$	**d** $adj = 11.2$
e $adj = 9.6$	**f** $adj = 4.8$

5 Solve for the side indicated

$\theta = 40^\circ$

$hyp = 5.2$

$opp = ?$

a $opp = 4.7$	**b** $opp = 2.0$
c $opp = 3.7$	**d** $opp = 3.0$
e $opp = 4.0$	**f** $opp = 3.3$

6 Solve for the side indicated

$\lambda = 35^\circ$

$hyp = 3.7$

$adj = ?$

a $adj = 3.6$	**b** $adj = 3.0$
c $adj = 2.7$	**d** $adj = 4.2$
e $adj = 2.1$	**f** $adj = 2.4$

7 Solve for the side indicated

$\mu = 45^\circ$

$opp = 6$

$hyp = ?$

a $hyp = 11.9$	**b** $hyp = 11.0$
c $hyp = 5.1$	**d** $hyp = 8.5$
e $hyp = 7.6$	**f** $hyp = 5.9$