



Trigonometry - Solve Trig Ratio from Values

1 Solve for the trigonometry ratio given the values $opp = 7.1$ $hyp = 8.7$ $adj = 5$ $cos(\theta) =$	A $cos(\theta) = 0.84$ C $cos(\theta) = 0.89$ E $cos(\theta) = 0.80$	B $cos(\theta) = 0.57$ D $cos(\theta) = 0.26$	2 Solve for the trigonometry ratio given the values $adj = 4$ $opp = 2.8$ $hyp = 4.9$ $sin(\theta) =$	A $sin(\theta) = 1.75$ C $sin(\theta) = 0.80$	B $sin(\theta) = 0.57$ D $sin(\theta) = 0.26$
3 Solve for the trigonometry ratio given the values $opp = 10.7$ $hyp = 14$ $adj = 9$ $sin(\beta) =$	A $sin(\beta) = 80.31$ C $sin(\beta) = 0.76$	B $sin(\beta) = 0.49$ D $sin(\beta) = 0.54$	4 Solve for the trigonometry ratio given the values $opp = 9.5$ $hyp = 12.4$ $adj = 8$ $tan(\sigma) =$	A $tan(\sigma) = 0.50$ C $tan(\sigma) = 0.65$ E $tan(\sigma) = 1.76$	B $tan(\sigma) = 1.19$ D $tan(\sigma) = 99.20$
5 Solve for the trigonometry ratio given the values $opp = 17.1$ $hyp = 20.9$ $adj = 12$ $cos(\lambda) =$	A $cos(\lambda) = 0.89$ C $cos(\lambda) = 0.57$	B $cos(\lambda) = 206.01$ D $cos(\lambda) = 1.74$	6 Solve for the trigonometry ratio given the values $opp = 2.9$ $hyp = 5.8$ $adj = 5$ $sin(\sigma) =$	A $sin(\sigma) = 0.50$ C $sin(\sigma) = 34.33$	B $sin(\sigma) = 1.13$ D $sin(\sigma) = 0.19$
7 Solve for the trigonometry ratio given the values $adj = 12$ $opp = 6.9$ $hyp = 13.9$ $tan(\mu) =$	A $tan(\mu) = 0.80$ C $tan(\mu) = 0.22$	B $tan(\mu) = 0.58$ D $tan(\mu) = 1.16$	8 Solve for the trigonometry ratio given the values $opp = 3.5$ $hyp = 6.1$ $adj = 5$ $tan(\beta) =$	A $tan(\beta) = 0.48$ C $tan(\beta) = 0.70$	B $tan(\beta) = 1.22$ D $tan(\beta) = 17.50$