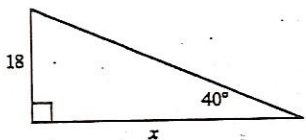


TRIGONOMETRY / PROBABILITY WORKSHEET 1

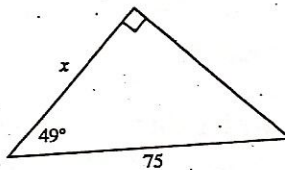
Problems

Using the tangent, sine, and cosine buttons on your calculator, find the value of x to the nearest hundredth.

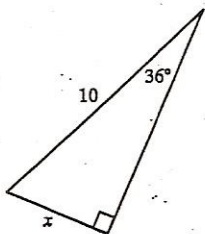
1.



2.



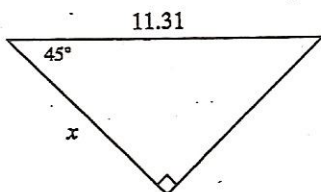
3.



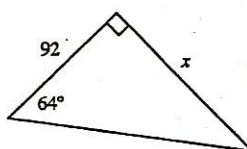
4.



5.

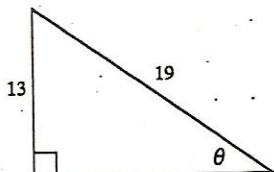


6.

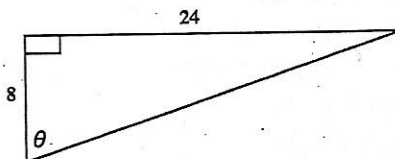


Using the \sin^{-1} , \cos^{-1} , and \tan^{-1} buttons on your calculator, find the value of θ to the nearest hundredth.

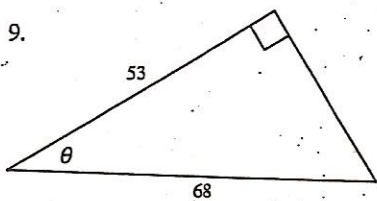
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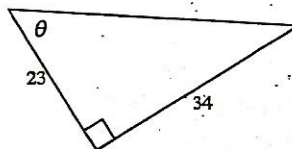
8.



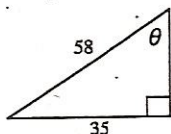
9.



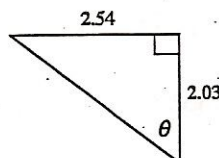
10.



11.



12.



13. Standing 140 feet from the base of a building, Alejandro uses his clinometer to site the top of the building. The reading on his clinometer is 42° . If his eyes are 6 feet above the ground, how tall is the building?
14. An 18 foot ladder rests against a wall. The base of the ladder is 8 feet from the wall. What angle does the ladder make with the ground?