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| **Given Equation** | **To find the angle** |
| SinA = x | A = sin-1(x) |
| CosA = x | A = cos-1(x) |
| TanA = x | A = tan-1(x) |

*x*°37Using Trig Ratios to Find AnglesIn order to solve for the angle, we have to use the **Inverse** function on our calculator. You need to hit the “2nd” button before the trig ratio you want to use.*x*°25 | **Lesson 8-4: Trigonometry!**Trigonometric Ratios: Sine, Cosine, and Tangent**SOH CAH TOA**sin $(θ)= \frac{ }{ }$sin ($A)= \frac{ }{ }$sin ($B)= \frac{ }{ }$cos $(θ)= \frac{ }{ }$cos ($A)= \frac{ }{ }$cos ($B)= \frac{ }{ }$CBAABCBCAtan $(θ)= \frac{ }{ }$tan ($A)= \frac{ }{ }$tan ($B)= \frac{ }{ }$ |