Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**The Sin-Cosine Cofunction**

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| --- | --- |
| 1. **What is Sin A?**
2. **What is Cos C?**

 | 1. **What is Sin Z?**
2. **What is Cos X?**
 |
| remember… $sinθ=cos⁡(90- θ)$1. **Sin 28 =**
 | remember… $cosθ=sin(90- θ)$1. **Cos 10 =**
 |
| 1. **Given: ΔABC where ∠B = 90° and Cos A = 3/5What is Sin C?**
 | 1. **Given Sin θ = Cos 15What is θ?**
 |
| 1. **In right triangle ABC sin A = .23, what is the cos B?**
 | 1. **In right triangle ABC cos A = 1.87, what is the sin B?**
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1. **Given sin(2x + 20) = cos (3x + 30), find the value of x.**
2. **Given sin(x +5) = cos (4x+10), find the value of x.**