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…   1. **Sin 28 =** | remember…   1. **Cos 10 =** |
| 1. **Given: ΔABC where ∠B = 90° and Cos A = 3/5 What is Sin C?** | 1. **Given Sin θ = Cos 15 What 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.**