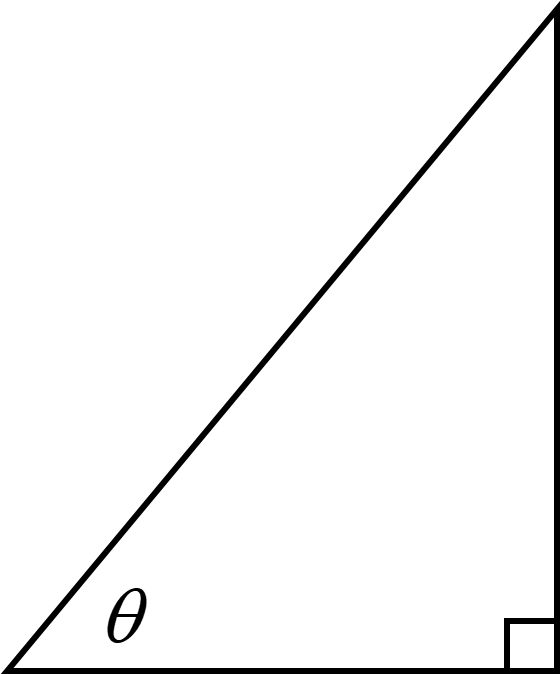
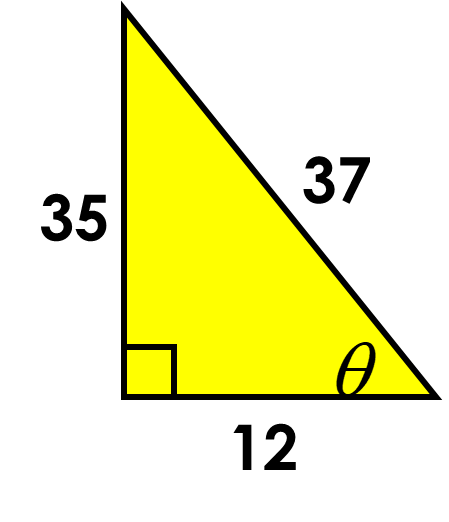
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**Trigonometry Ratios**

**Greek letter 🡪** *θ* **is pronounced “\_\_\_\_\_\_\_\_\_\_\_\_\_\_” and represents an \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**

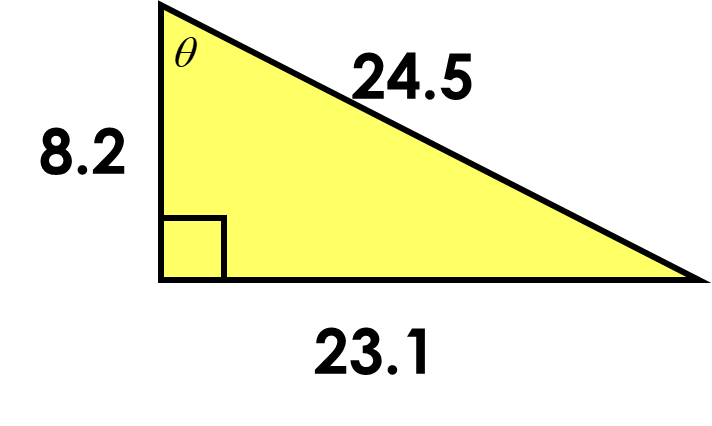
|  |  |  |
| --- | --- | --- |
| **SINE** | **COSINE** | **TANGENT** |
| Pronounced: | Pronounced: | Pronounced: |
| *Sinθ* = | *Cosθ* = | *Tanθ* = |

**Example one:** Find the sine, the cosine, and the tangent of theta. Give a fraction.

*Sinθ* =

*Cosθ* =

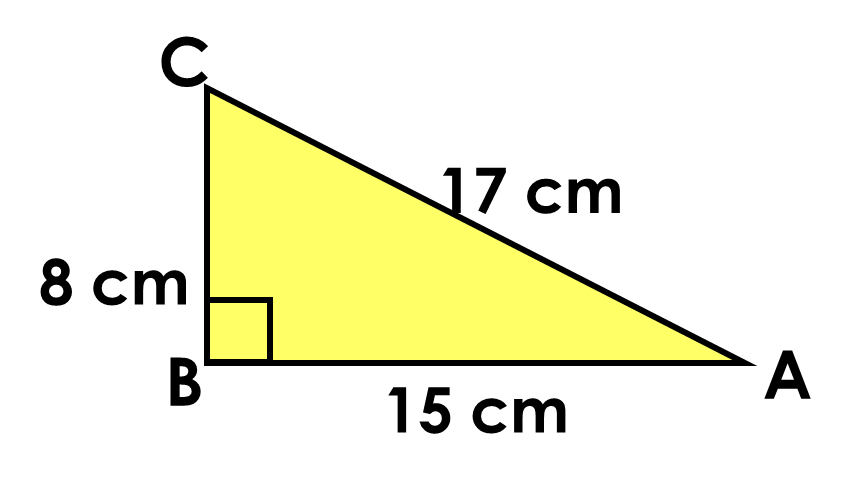
*Tanθ* =

**Example two:** Find the sine, the cosine, and the tangent of theta.

*Sinθ* =

*Cosθ* =

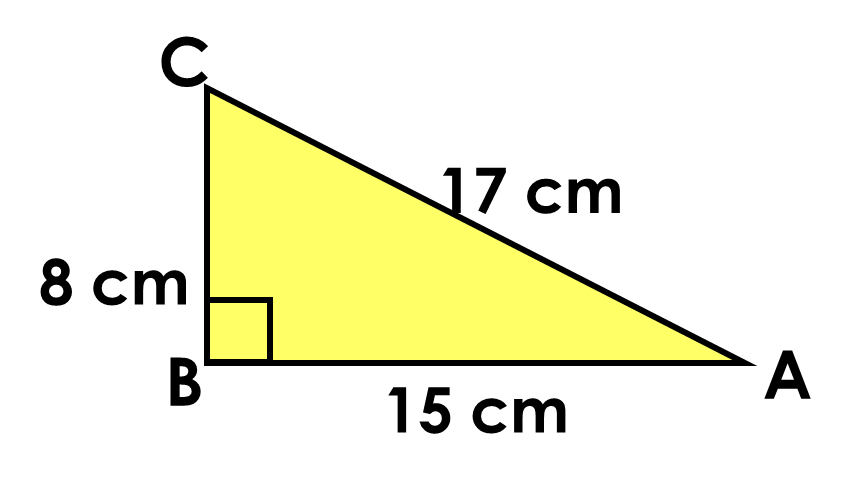
*Tanθ* =

****Example three:** Find the sine, the cosine, and the tangent of angle A.

*SinA* =

*CosA* =

*TanA* =

****Example four:** Find the sine, the cosine, and the tangent of angle C.

*SinC* =

*CosC* =

*TanC* =

**Example five:**

**Example six:**

1. What is Cos A?
2. What is Sin A?
3. What is Sin B?
4. What is tan C?
5. What is Sin A?

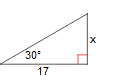
**Example eight:**

1. What is the length of AT?
2. What is Cos T?
3. What is Tan H?

**Example seven:**

1. What is the length of AC?
2. What is Cos A?
3. What is Tan C?

**Example ten:**



1. Sin
2. Cos
3. Tan

**Example nine:**

1. What is the length of TA?
2. What is Sin B?
3. What is Sin A?