Fill In The Blanks…

**Finding Angles Using the Sine Rule**

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| --- | --- | --- | --- |
| **Labelled diagram** | **Substitute** **into formula** | **Rearrange formula** | **Acute Angle****(1dp)** |
|  | $$\frac{\sin(36)}{5}=\frac{\sin(x)}{7}$$ | $$\sin(x=)\frac{7×\sin(36)}{5}$$ | $$x=55.4°$$ |
|  | $$\frac{\sin(x)}{23}=\frac{\sin(93)}{36}$$ |  |  |
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|  |  |  |  |
|  |  |  |  |
|  |  | $$\sin(x=)\frac{5×\sin(47)}{10}$$ |  |