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| --- | --- |
| **Fill in the Blanks** | **Finding Lengths Using Trigonometry** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Labelled diagram** | **Choose ratio** | **Substitute** **into formula** | **Rearrange formula** | **Answer (1dp)** |
|  | $$sin$$ | $$\sin(38)=\frac{x}{11}$$ | $$x=11×\sin(38)$$ |  |
|  | $$tan$$ |  |  |  |
|  |  |  |  |  |
|  | $$cos$$ | $$\cos(28)=\frac{8}{x}$$ | $$x=\frac{8}{\cos(28)}$$ |  |
|  | $$tan$$ |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  | $$\tan(68)=\frac{7}{x}$$ |  |  |