| Question | Label the triangle with the angle being used as A | Fill into the formula | Use calculator to find missing length. |
| :---: | :---: | :---: | :---: |
|  |  | $\begin{gathered} a^{2}=b^{2}+c^{2}-2 b c \cos A \\ x^{2}=14.7^{2}+17.9^{2}-2 \times 14.7 \times 17.9 \cos 62 \end{gathered}$ | $\begin{gathered} x^{2}=289.436 \\ x=17.0 \mathrm{~cm}(1 \mathrm{dp}) \end{gathered}$ |
|  |  | $\begin{gathered} a^{2}=b^{2}+c^{2}-2 b c \cos A \\ x^{2}=6^{2}+8^{2}-2 \times 6 \times 8 \times \cos 88 \end{gathered}$ |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

