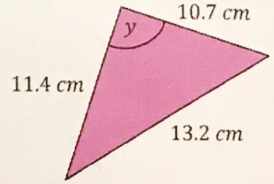
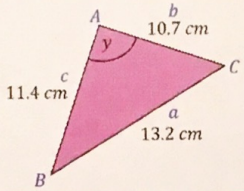
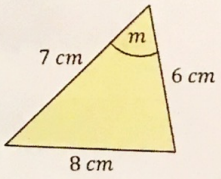
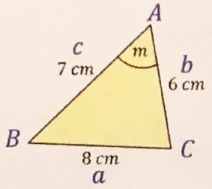
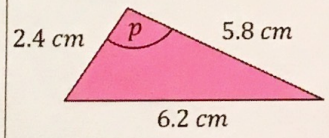
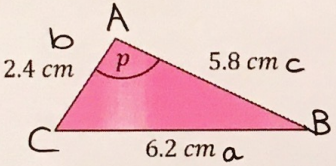
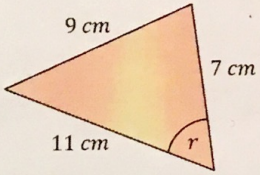
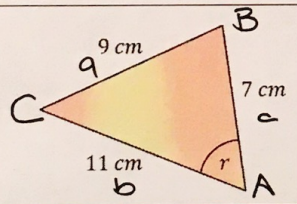
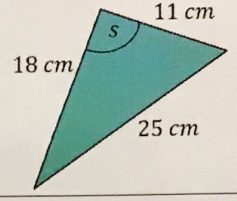
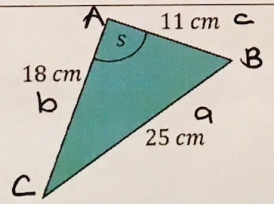
Question	Label the triangle with the angle being found as A	Fill into the formula	Use calculator to find missing angle
		$\cos A = \frac{b^2 + c^2 - a^2}{2bc}$ $\cos A = \frac{10.7^2 + 11.4^2 - 13.2^2}{2 \times 10.7 \times 11.4}$	$\cos A = 0.2878$ $A = \cos^{-1}(0.2878)$ $A = 73.3°$
		$\cos A = \frac{b^2 + c^2 - a^2}{2bc}$ $\cos m = \frac{6^2 + 7^2 - 8^2}{2 \times 6 \times 7}$	$\cos m = 0.25$ $m = \cos^{-1}(0.25)$ $m = 75.5°$ (1dp)
		$\cos p = \frac{2.4^2 + 5.8^2 - 6.2^2}{2 \times 2.4 \times 5.8}$	$\cos p = \frac{1}{29}$ $p = \cos^{-1}(\frac{1}{29})$ $p = 88.0°$
		$\cos r = \frac{11^2 + 7^2 - 9^2}{2 \times 11 \times 7}$	$\cos r = 0.5779$ $r = \cos^{-1}(0.5779)$ $r = 54.7°$
		$\cos S = \frac{18^2 + 11^2 - 25^2}{2 \times 18 \times 11}$	$\cos S = \frac{-5}{11}$ $S = \cos^{-1}(\frac{-5}{11})$ $S = 117.0°$