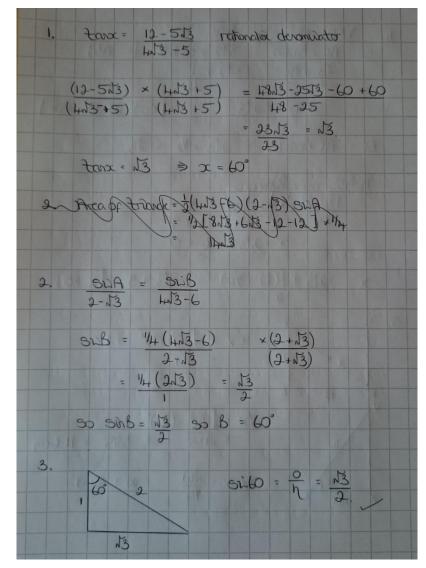
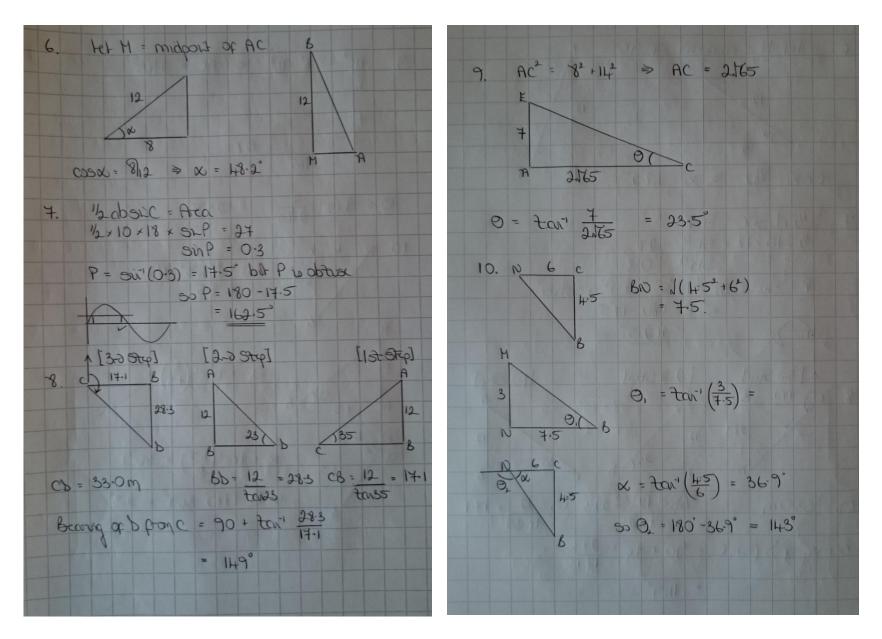
Further Maths GCSE Trigonometry Answers



4. $bca = 120' = 50 bac = 15'' = 0.000 bac = 3.12 \times 5.145 [= Ab]$
$\frac{13}{2} + AC = 3 \frac{1}{32} \times \frac{1}{32}$
so AC = 213. [codd box sixrok]
$BC = AC \times CD = 213 \times 12 = 13.$
In ABD resing Rytheopres; $(3,13)^2 = * (x+13)^2 + 3^2$ $1^8 = x^2 + 3.13x + 3 + 9$ $x^2 + 3.13x - 6 = 0$
$x = -\frac{2\sqrt{3} \pm \sqrt{(12 + 24)}}{2} = -\frac{\sqrt{3} + 3}{2} [x > 0]$
5. b $CX = \sqrt{10^2 + 12^2} \div 2$ $10 = \sqrt{61}$
V 12 V $V = \sqrt{14^2 - (\sqrt{61})^2}$ $V_{14} = \sqrt{135} = 3\sqrt{15} = 11.6 \text{ cm}$
$\frac{\alpha}{\chi} = \frac{1}{14} =$

Answers by M Greenaway @suffolkmaths



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