Name

Answers in the range $0^o < x < 360^o$ (1 d.p)

237.7	240.0	346.0	203.7	120.0
150.0	33.7	180.0	65.8	122.3
213.7	340.5	30.0	302.3	125.2
166.0	165.5	57.7	32.0	14.5
70.5	23.3	270.0	199.5	289.5

$2\text{cosec}^2x + 5\cot x = 14$

$\sec^2x + \tan^2 x = 6$

$4\tan^2x - 13\sec x + 7 = 0$

$\cot^2x - \text{cosec}\,x - 10 = 1$

$4\tan^2x + 12\sec x + 12 = 0$

$2\cos^2x - \sin x = 1$

TOTAL

Name

Answers in the range $0^o < x < 360^o$ (1 d.p)

302.3	340.5	203.7	122.3	32.0
23.3	213.7	270.0	70.5	180.0
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150.0	240.0	166.0	199.5	289.5

$4\tan^2x - 13\sec x + 7 = 0$

$2\cos^2x - \sin x = 1$

$\cot^2x - \text{cosec}\,x - 10 = 1$

$4\tan^2x + 12\sec x + 12 = 0$

$\sec^2x + \tan^2 x = 6$

$2\text{cosec}^2x + 5\cot x = 14$

TOTAL