

Trig-eria!

Tangent	10	4/5	Inverse tangent (tan ⁻¹)	8.66
24/25	Sine	Cosine	103.5	Inverse sine (sin ⁻¹)
Pythagorean Theorem	cos(37)= x/14	15.0	7.44	18.0
76.34	Opposite/ Adjacent	8	Opposite/ Hypotenuse	51.2
Adjacent/ Hypotenuse	43.8°	15/3	Inverse cosine (cos ⁻¹)	55.2

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10	8	24/25	Adjacent/ Hypotenuse	Tangent
15/3	$y = \tan^{-1}(31/23)$	$\cos(37) = x/14$	15.0	Inverse tangent ($\tan^{-1}$)
Cosine	4/5	103.5	18.0	7.44
76.34	55.2	51.2	Inverse sine ($\sin^{-1}$)	Inverse cosine ($\cos^{-1}$)
Sine	Opposite/ Hypotenuse	Pythagorean Theorem	8.66	43.8°

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15/3	Inverse cosine (cos-1)	103.5	Adjacent/ Hypotenuse	15.0
Sine	Tangent	7.44	8	Pythagorean Theorem
Opposite/ Hypotenuse	24/25	51.2	$\cos(37) = x/14$	36.7
Inverse sine (sin-1)	Inverse tangent (tan-1)	$y = \tan^{-1}(31/23)$	Opposite/ Adjacent	4/5
55.2	8.66	18.0	10	Cosine