

Trig-eria!

Tangent	10	43.8°	Inverse tangent (tan ⁻¹)	Adjacent/ Hypotenuse
24/25	Sine	Inverse cosine (cos ⁻¹)	103.5	Pythagorean Theorem
cos(37)= x/14	15.0	7.44	8	Opposite/ Hypotenuse
8.66	Inverse sine (sin ⁻¹)	51.2	Cosine	18.0
Opposite/ Adjacent	36.7	y = tan ⁻¹ (31/23)	4/5	55.2

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$\cos(37) = x/14$	15.0	Pythagorean Theorem	103.5	18.0
4/5	Opposite/ Hypotenuse	7.44	Adjacent/ Hypotenuse	Inverse sine ($\sin^{-1}$)
24/25	43.8°	Inverse cosine ($\cos^{-1}$)	Cosine	Tangent
8.66	36.7	Sine	51.2	Inverse tangent ($\tan^{-1}$)
Opposite/ Adjacent	$y = \tan^{-1}(31/23)$	55.2	10	8

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Opposite/ Hypotenuse	Cosine	36.7	4/5	51.2
18.0	55.2	24/25	7.44	Tangent
8.66	Opposite/ Adjacent	Inverse cosine (cos ⁻¹)	15.0	Sine
cos(37)= x/14	Inverse sine (sin ⁻¹)	y = tan ⁻¹ (31/23)	103.5	10
8	Pythagorean Theorem	Inverse tangent (tan ⁻¹)	43.8°	Adjacent/ Hypotenuse