

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	FIESTA!	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

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

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