

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	FIESTA!	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)

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

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24/25	Opposite/ Hypotenuse	76.34	Inverse tangent (tan ⁻¹)	10
cos(37)= x/14	Inverse sine (sin ⁻¹)	4/5	18.0	Adjacent/ Hypotenuse
7.44	55.2	FIESTA!	15.0	103.5
15/3	Pythagorean Theorem	8.66	43.8°	Inverse cosine (cos ⁻¹)
Sine	Tangent	8	51.2	36.7