

Trig-eria!

Tangent	10	4/5	Inverse tangent (tan ⁻¹)	8.66
36.7	Sine	Cosine	103.5	Inverse sine (sin ⁻¹)
Pythagorean Theorem	cos(37)= x/14	FIESTA!	15.0	55.2
24/25	7.44	Opposite/ Adjacent	8	Opposite/ Hypotenuse
43.8°	Adjacent/ Hypotenuse	41.1°	18.0	Inverse cosine (cos ⁻¹)

Trig-eria!

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

Trig-eria!

36.7	Opposite/ Hypotenuse	7.44	Inverse tangent (tan ⁻¹)	10
cos(37)= x/14	Inverse sine (sin ⁻¹)	4/5	24/25	Adjacent/ Hypotenuse
55.2	51.2	FIESTA!	15.0	103.5
18.0	Pythagorean Theorem	8.66	41.1°	Inverse cosine (cos ⁻¹)
Sine	Tangent	8	43.8°	36.9°