








Roofus VS Top 6 Competitors



							
Capability or function	Roofus Standard model	Pivot square	Quick square	Speed square	Builders protractor	Sliding bevel	Combo square
Features 'instant' square and 45 degree marking ability through 'design geometry'	✓	✓	✓	✓			✓
Adjustable square in projection length	✓						✓
Mark any angle on dimensional material	✓ Set the angle once to high accuracy and get marking	Less than 45 degrees is not possible	✓ Low accuracy	✓ Visually set the angle for every mark drawn	3/4 ✓ Less than 10 degrees is not possible	✓ The angle is a mystery (no built in reference)	Can't mark angles
Physical reference seat and plumb cuts	✓		✓				
Set angle physically from a workpiece	3/4 ✓ Almost any situation. Provides angle measurement on four angle scales for reference	Extremely limited	Extremely limited		Extremely limited	✓ The angle measurement is unknown	
Measure absolutely any pitch from one given surface (Short digital level equivalent)	✓ Any Angle (horizontal, vertical)	1/2 ✓ 0 - 45 degrees only					
Can be set to a specific pitch from a workpiece using a level vial	✓ Any Angle (horizontal, vertical)	1/2 ✓ 0 - 45 degrees only					

Provides an accurate measure for all of its angle positions	✓ Every degree or angular position in the form of the angle scale you decide to reference from!	✓ Not as precise as Roofus	1/2 ✓ Judge every second degree by eye. You can't sight the centre of two marks on this tools scales to decide the centre point!	1/2 ✓ Sight its angle markings with the material edge to mark angles	1/2 ✓ Uses a wobbly arrow pointer shaped washer under a wing nut!	No measurement graduations at all (angle or distance)	Can't mark angles
Plumb cut, seat cut, and rafter depth gauge all at one time	✓						
Ability to physically mark any angle in any direction or location on material	✓					✓	
Marking gauge or scribe gauge	✓ Up to 270 mm with its stock 350 mm long ruler			1/2 ✓ Limited distance, not very accurate			✓ Up to 245 mm with a traditional 300 mm blade
Shallow splay angle marking	✓ Any possible angle. Lines up to 700 mm long from both edges of material. The exact angle measurement you are making can be visually read and referenced	Less than 45 degrees is not even possible	✓ Lines up to 390 mm long from both edges of material.	✓ You visually reference the angle with the material and rely on the materials edge being 90-degrees for accurate work	1/2 ✓ Only in one direction on material with around 300 mm of projection distance. Less than 10 degrees is not possible. The tool can only be used on one side (cannot be flipped over)	✓ Angle can change easily and is unknown (no reference marks or scales)	
Vertical level	✓ At ruler's full length (350 mm or 14")	1/2 ✓ 200 mm of length					✓ At Ruler's full length (300 mm)
Horizontal level	✓ At ruler's full length (350 mm or 14")	1/2 ✓ 200 mm of length					1/3 ✓ 120 mm does not qualify
Adjustable seat mark depth	✓						

Use to set workpiece at a desired pitch	✓ Horizontal to vertical!	1/2 ✓ Only 0 - 45 degrees					
Adjustable plumb depth	✓					Can be done but too risky with no blade graduations and poor blade clamping ability	
Angles can be projected over or away from tool's reference stock(s) for the ability to tackle any marking application in the many possible circumstances	✓					✓ One angle at a time	
Hip and Valley rise and run angles provided on the tool as a scale	✓	✓	✓	✓			
Hip and Valley angles calibrated with degrees provided on the tool as a scale	✓ Exclusive to Roofus and never done before. Very valuable for Roof carpenters, especially metric system users						
Work out Mitre joint angles using the tool (itself)	3/4 ✓ All circumstances except for internal wall corners less than 90 degrees. Easily work out the mitre cut angles with the angle scales on Roofus	Extremely limited	Extremely limited	Extremely limited	Extremely limited	No angle measure. Other tools are needed to help like a drop saw or a speed square	
Bench top 2D level capability	✓						
Hip and valley diamond cheek cut gauge	✓ Currently for 35 mm timber. The slot in the ruler provides a 17.5 mm gauge			✓ Some brands		✓ Some brands	
Can be used as a saw guide	If the power saw has no base plate edge flaring, yes you can, but better results are normally achieved cutting to lines	✓	✓	✓	✓		
SCORE	22.5	6.5	6.5	7	2.75	6	4.3

Median Price AUD	\$98.50 Introductory price including postage (will get cheaper)	\$20.95 Amazon	\$29 Bunnings	\$20 - \$30 Bunnings	\$35 Bunnings	\$30 Bunnings	\$39 Bunnings
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