

TIPSHEET: MEASUREMENT SYSTEM CONVERSIONS

FORMULAS FOR CONVERTING MEASUREMENTS

Conversion	Formulas for Calculating Area
Imperial to Metric	Feet to Metres: Multiply the number of feet by .3048 Square Feet to Square Metres: Multiply the number of square feet by .0929
Metric to Imperial	Metres to Feet: Multiply the number of metres by 3.281 Square Metres to Square Feet: Multiply the number of square metres by 10.76
Inches to Decimals	Multiply the number of inches by .0833

CONVERTING IMPERIAL TO METRIC

<ul style="list-style-type: none"> Linear (Feet to Metres): Multiply the number of feet by .3048 Area (Square Feet to Square Metres): Multiply the number of square feet by .0929 			
Examples	Imperial	Conversion Formula	Metric
	3 feet	(3 x .3048)	.91 metres
	6 feet 6 inches	(6.5 x .3048)	1.98 metres
	9.5 feet	(9.5 x .3048)	2.90 metres
	1200 square feet	(1200 x .0929)	111.48 square metres

CONVERTING METRIC TO IMPERIAL

<ul style="list-style-type: none"> Linear (Metres to Feet): Multiply the number of metres by 3.281 Area (Square Metres to Square Feet): Multiply the number of square metres by 10.76 			
Examples	Metric	Conversion Formula	Imperial
	3 metres	(3 x 3.281)	9.84 feet
	6.5 metres	(6.5 x 3.281)	21.33 feet
	50 square metres	(50 x 10.76)	538 square feet
	75.5 square metres	(75.5 x 10.76)	812.38 square feet

CONVERTING INCHES TO DECIMALS

Conversion Table – Inches to Decimals												
Inches (")	0'1"	0'2"	0'3"	0'4"	0'5"	0'6"	0'7"	0'8"	0'9"	0'10"	0'11"	0'12"
Expressed as Decimal	0.08	0.17	0.25	0.33	0.42	0.50	0.58	0.67	0.75	0.83	0.92	1.00
Feet (') and Inches (")	1'1"	1'2"	1'3"	1'4"	1'5"	1'6"	1'7"	1'8"	1'9"	1'10"	1'11"	1'12"
Expressed as Decimal	1.08	1.17	1.25	1.33	1.42	1.50	1.58	1.67	1.75	1.83	1.92	2.00