

Metric Four-By-Four, by H. D. Allen (Adapted from *Metric Bulletin*, 1975 July)

500 m	200 ha	40 g	0.6 m	50 000 cm	200 cm ²	6.7 dm ³	400 g	2000 mm ²	0.3 cm	3600 mm	7 m ³	270 kg	200 m ²
0.4 kg	6 dm	67 mL	3 km	60 cm	0.2 ha	20 000 m ²	1 m 679	0.5 km	0.008 t	9.7 cm ³	8 kg	3 km	200 m ²
0.9 dm ³	3.6 mm	0.27 t	2 cm ²	360 mm	20 cm ²	36 cm	2 km ²	700 L	0.36 m	0.2 km ²	8000 g	2 cm ²	360 mm
0.67 L	3.6 m	0.7 m ³	270 000 g	3 mm	2700 kg	500 000 mm	3 m	67 dm ³	2700 g	2000 m ²	5 km	270 000 g	3 mm
20 ha	5000 m	6.7 L	900 cm ³	2700 g	900 cm ³	16	36 cm	700 L	0.36 m	0.2 km ²	8000 g	2 cm ²	360 mm
20 ha	5000 m	6.7 L	900 cm ³	2700 g	900 cm ³	16	36 cm	700 L	0.36 m	0.2 km ²	8000 g	2 cm ²	360 mm

Instructions: Cut out the sixteen squares. Rearrange them in the same four-by-four array ... but have touching edges name the same measure. **Hint:** Start with a corner piece (by finding unique values on adjacent sides) and then add unique pairs.