Reversals with Multiplication and Division

The table shows the answer to the cost per kilogram when 3.678 kg of a product costs $14.89 (rounded to the nearest cent).

Complete the table. Use a calculator. Round the calculator answers sensibly. Discuss the answers in class.

Unit Cost	Product Amount	Cost of Product
$14.89 ÷ 3.678 = $4.05 per kg	3.678 kg	$14.89
	45.78 kg	$123.98
$67.44 per kg	3.901 kg	
	12.56 tonnes	$11 023.50
$10 895 per tonne		$56 890
$0.44 per gram	3.901 grams	
$1.78 per litre	23.67 litres	
	45 600 litres	$67 893.50
$2.65 per litre		$34.89
$5.98 per metre	23.67 metres	
	45.56 metres	$345.78
$23.71 per metre		$22.87
$2.98 per minute	14.75 minutes	
	61 minutes	$89.25
$3.41 per minute		$11.87
$0.104 per kilowatt-hour		$104.67
$0.117 per kilowatt-hour	678 kilowatt-hours	
$34.71 per metre		$18.89
$45.89 per gram		$452.56