

Value chain illustration, per unit of final product - Bracelet makers

	Output	Purchase cost	Conversion cost	Total cost	Selling price	Added value	Value conversion
Ore extraction	25 kg	0	$25 \times 0.16 = 4.0$	4.0	$25 \times 0.40 = 10$	$10 - 0 = 10$	$10/4 = 2.5$
Ore refining	1.25 kg	10	$1.25 \times 2.40 = 3$	$10 + 3 = 13$	$1.25 \times 12 = 15$	$15 - 10 = 5$	$5/3 = 1.67$
Strip rolling mfg	1.25 kg	15	$1.25 \times 4 = 5$	$15 + 5 = 20$	$1.25 \times 20 = 25$	$25 - 15 = 10$	$10/5 = 2$
Bracelet mfg	10 bracelets	25	$10 \times 3 = 30$	$20 + 30 = 50$	$10 \times 6 = 60$	$60 - 25 = 35$	$35/30 = 1.17$
Retail	10 bracelets	60	$10 \times 1 = 10$	$60 + 10 = 70$	$10 \times 10 = 100$	$100 - 60 = 40$	$40/10 = 4$

Value chain illustration, per unit of final product – Roofing

	Output	Purchase cost	Conversion cost	Total cost	Selling price	Added value	Value conversion
Mining	5 tonnes	0	$5 \times 10 = 50$	50	$5 \times 24.80 = 124$	$124 - 0 = 124$	$124 / 50 = 2.48$
Refining	1.1 tonne	124	$1.1 \times 505 = 556$	$124 + 556 = 680$	$1.1 \times 1100 = 1210$	$1210 - 124 = 1086$	$1086 / 556 = 1.95$
Rolling	1.1 tonne	1210	$1.1 \times 300 = 330$	$1210 + 330 = 1540$	$1.1 \times 1760 = 1936$	$1936 - 1210 = 726$	$726 / 330 = 2.2$
Roofing sheet mfg	1 tonne	1936	85	$1936 + 85 = 2021$	2054	$2054 - 1936 = 118$	$118 / 85 = 1.39$
Building supplies	1 tonne	2054	58	$2054 + 58 = 2112$	2156	$2156 - 2054 = 102$	$102 / 58 = 1.76$

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Roofing sheet mfg							
Building supplies	1 tonne						

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Refining							
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Roofing sheet mfg							
Building supplies	1 tonne						