Customer repairs: weight in and weight out

Did the piece go back to the customer at the same weight? And what does the repair cost?

1 Use it in 4 steps

1. Weigh the piece in front of the customer when you take it in, and type the weight and the receipt number.
2. If gold was added (solder or a link), type its weight and its price per gram.
3. When you hand it back, weigh it again and type the weight.
4. The sheet compares the two weights and works out what the customer owes. Delete the "Example" rows before you start.

2 The calculation

1. Difference = weight when returned − weight when received − gold added. Within the accepted difference: "Weight checks out".
2. Due from the customer = repair fee + gold added × its price per gram.
3. Making a ring smaller lowers its weight: note the piece that was cut off, or count it as returned to the customer.

3 Worked example Example

Accepted weight difference, g (example): 0.050

Receipt no.	Piece and repair	Weight when received (g)	Gold added (g)	Weight when returned (g)	Difference (g)	Due from the customer	Weight check
Example: 1201	Broken chain: soldered	12.350	0.050	12.390	−0.010	459.01	Weight checks out
Example: 1202	Ring: made smaller	6.100	0.000	5.820	−0.280	200.00	Check the weight
Example: 1203	Bracelet: new clasp	18.400	0.000	0.000	0.000	250.00	Not handed back yet

Result	Value
Total due from customers	909.01
Total repair fees	600.00
Total gold added (g)	**0.050**

4 The table: fill it in by hand

Receipt no.	Customer	Piece and repair	Weight when received (g)	Gold added (g)	Repair fee	Weight when returned (g)

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