Mutability Solutions

- We can clear cache

  - We'll do this first, because it's easy

- Or

- We can update the reduced value

Good Summing List

```python
class GoodSumList(list):
    def __init__(self, *args, **kw):
        super().__init__(*args, **kw)
        self._mutated()
    def _mutated(self):
        self._sum = None
    def append(self, *args, **kw):
        super().append(*args, **kw)
        self._mutated()
    def sum(self):
        if not self._sum:
            self._sum = sum(self)
        return self._sum
```