



## Emissions reduction

Name: \_\_\_\_\_

In the table you will find some statistics about how metal recycling can reduce carbon emissions (e.g. recycling 1 tonne of steel reduces carbon emissions by 2.1 tonnes). Use this information to work out the answers to the questions.

<b>Item</b>	<b>Amount recycled</b>	<b>Carbon emission reduction</b>
Steel	1 tonne	2.1 tonnes
Aluminium	1 tonne	7.9 tonnes
Computers	1 tonne	4 tonnes

1. Calculate the carbon emission reduction if:
  - a. Four tonnes of steel is recycled \_\_\_\_\_
  - b. Three tonnes of aluminium is recycled \_\_\_\_\_
  - c. Two and a half tonnes of computers are recycled \_\_\_\_\_
2. If carbon emissions were reduced by 96 tonnes, how many tonnes of computers were recycled?



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3. If one tonne of steel, seven tonnes of aluminium and three and a half tonnes of computers are recycled, what is the reduction in carbon emissions?
4. Carbon emissions have been reduced by fifty tonnes. Provide two ways this could have been achieved. Answers do not have to be exact (but as close as you can get).