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| new LiverBird | Core skills Homework | | Year 7 | *Week no.10* |
| *Numeracy* | Subject focus:  *ICT* | | |

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| NAME |  |

**Resize the Computer**

1. The picture of this computer is 3cms wide and 4cms Long.

3cm



4cm

Can you resize the picture? Let’s try.

1. Resize at a ratio of 1:2. How did you do?
2. Now try to resize at a ratio of 1: 3.

**[](http://www.google.co.uk/imgres?imgurl=http://images02.olx.co.uk/ui/7/71/03/1284832473_122026803_1-Pictures-of--Computer-repairs-and-maintenance-in-your-home-or-office-1284832473.jpg&imgrefurl=http://nottingham.olx.co.uk/computer-repairs-and-maintenance-in-your-home-or-office-iid-122026803&usg=__6hzqML7AfMcPqWniirnVhu31TnA=&h=625&w=625&sz=50&hl=en&start=15&zoom=1&tbnid=L-rKWkYiOZObAM:&tbnh=136&tbnw=136&ei=OVL1T9vyEo2XhQfZv7THBg&prev=/search?q=computer&hl=en&safe=active&sa=N&sout=1&site=imghp&tbm=isch&itbs=1)Fix Jimmy the Computer**

1. Jimmy the computer is running really slowly. He needs more memory. Can you help him?

Jimmy has 350 megabytes, but he needs 1 gigabyte of memory to make him work. How much more memory will he need?

1 gigabyte = 1000 megabytes

**How well did I do?**

**Resize the Computer:**

* I understand what a ratio is. I can work out how to use ratio’s to resize an image in different sizes.
* With help I understand what a ratio is. I can sometimes work out how to use ratio’s to resize an image in different sizes.
* I need some help in understanding what a ratio is. I need help to work out how to use ratio’s to resize an images.

**Fix Jimmy the Computer**

* I understand what a gigabyte and a megabyte is. I can use addition and subtraction to work out how much more memory is needed. I can convert Gigabytes into megabytes.
* With help I understand what a gigabyte and a megabyte is. I can sometimes use addition and subtraction to work out how much more memory is needed. I can sometimes convert Gigabytes into megabytes.
* I need help to understand what a gigabyte and a megabyte is. I need help to use addition and subtraction to work out how much more memory is needed. I need help to convert Gigabytes into megabytes.