



Comparing percentages - answers

1. Put these percentages in order, starting with the smallest:

Correct answer: **12% 12.5% 23% 24% 51% 99%**

2. The chances of rain in various towns are given here as percentages:

Middlesbrough	75%
Hartlepool	10%
Durham	25%
Newcastle	50%
Sunderland	20%

a. Which town has the most chance of rain?

Correct answer: **Middlesbrough has the highest percentage. It has the most chance of rain.**

b. Which town has the least chance of rain?

Correct answer: **Hartlepool has the lowest percentage. It has the least chance of rain.**

Middlesbrough	75%
Newcastle	50%
Durham	25%
Sunderland	20%
Hartlepool	10%

3. Milk contains these ingredients:

- 3% protein
- 5% carbohydrates
- 4% fat
- 88% water

Which is the main ingredient?

Correct answer: **the main ingredient is water, with the highest percentage - 88%.**





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4. Does milk contain more fat or more protein?

Correct answer: **milk has 4% fat and 3% protein. So it has more fat than protein.**

5. It's pay-rise time. Who will get the most after these pay increases?

Laura earns £200. She will get a rise of 5%. Ashfak earns £200. He will get a rise of 10%

Correct answer: Laura and Ashfak earn the same amount, so Ashfak must have the best pay rise because his percentage is higher. (You can answer just by looking at the information. No sums needed here.)

Ashfak gets 10% of £200, which is bigger than only 5% of £200.

6. Who will get the most after these increases?

Rachel earns £160. She will get a rise of 10%. Phil earns £180. He will get a rise of 10%.

Correct answer: again, you can answer just by looking at the information.

Both Rachel and Phil get a 10% pay rise so look at what they earn to work out the answer. **Phil earns the most, so 10% of his wage must be bigger than 10% of Rachel's wage.**