

For question 1) Answer is 8.

First of all I thought that 7 times 8 will be 56.

Then I tried 3 times 8 and that also worked.

Next I tried 13 times 8 that was 98 but that did not work so I tried 14 times 8 which was 112 and it was correct.

Finally I divided 216 by 8 and ended up with 7.

So that's how I figured out that the multiplier is 8.

For question 2) Answer is 11

First of all I tried 3 and that did not work so I tried 6 and that did not work either. I also tried 7 and 9 but they both were wrong too. I knew it was not an even number so I skipped 2 and 10. Then I tried 11 and that worked.

So the first one was 13 times 11 = 143.

Next I divided 297 by 11 and the answer was 27.

After that I tried 341 divided by 11 and came up with 31.

Finally I did 1221 divided by 11 which gave me 111.

So the multiplier was 11.