**Spot The Mistakes – Fractions 2 - Answers**

Read the notes in the table below which contain some deliberate mistakes. Find the mistakes by circling or highlighting them in the notes and use the blank column on the right-hand side to correct the mistake.

When you think you’ve finished ask the person you are sitting beside to check your corrections.

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| **Fractions of Amounts**  If I was asked to find a fraction of a number or an amount then I would do the following:  Divide by the bottom  Multiply by the top  You must do it in this order to get the correct answer.  For example: Find of 35.  In order to find of a number just divide that number by 7.  So the answer to of 35 is .  is a “unit fraction” because it has 7 on the bottom.  I use the same principle when finding non-unit fractions of a number.  For example: Find of 35.  I’ve already found of 35 = 5.  So of 35 is “4 lots of of 35”.  Answer is .  **Mixed and Improper Fractions**  Mixed numbers are whole numbers and fractions together like .  Improper fractions are fractions where the top number is larger than the bottom number like .  In fact and are equivalent fractions.  How do I know that?  In the “2” is “2 wholes” which make a total of “8 quarters” because 1 whole = 4 quarters. Add the “3 quarters” and we have a total of “11 quarters” which is our improper fraction.  If I do this as a calculation it looks like this:  “Big multiplied by top, add the bottom.” | Error: you can multiply or divide in any order  Error: it’s a unit fraction because it has 1 on top.  Error: the answer is 20  Error: “top” and “bottom” are the wrong way around |

*Clue: there are four mistakes for you to spot.*