## Can I add fractions with different denominators?

Remember: in order to add or subtract fractions, their denominators need to be the same.
This is where you use your ability to find equivalent fractions - this was covered in the learning set just before half term.
Imagine you are trying to solve $1 / 4+3 / 8$
Step 1
Convert both fractions to the same denominator by finding equivalent fractions. To do this, you will need to look at the relationship between the two denominators you have been given. In this case, one denominator (8) is double the other (4) so:

$12 / 20$ (which is the example answer given in the table below) can be simplified as they share the factor, 4)

$$
12 / 20=3 / 5
$$

Now it's your turn - complete the questions in the table below. For a challenge, go to page 3.



