Sheet 2: Adding Fractions with Different Denominators

Worked example:

Add 1/4 and 1/6 using a common denominator

Answer: To add 1/4 and 1/6, we find the common denominator, which is 12. So, 1/4 = 3/12 and 1/6 = 2/12. Then, 3/12 + 2/12 = 5/12

- **Add 1/6 and 1/8 using a common denominator**

  1/6 = ?/24 1/8 = ?/24

- **Add 2/4 and 1/6 using a common denominator**

  2/4 = ?/12 1/6 = ?/12 2/4 + 1/6 = ?/12

- **Add 3/8 and 1/4 using a common denominator**

  3/8 = ?/8 1/4 = ?/8

- **Add 1/3 and 2/5 using a common denominator**

  1/3 = ?/15 2/5 = ?/15

- **Add 2/3 and 3/4 using a common denominator**

  2/3 = ?/12 3/4 = ?/12 2/3 + 3/4 = ?/12

Self-check: Check your answers by making sure the denominators are the same and then adding the numerators

Ready for next: When you can confidently add fractions with different denominators, you're ready to move on to subtracting fractions with different denominators