*I can use my knowledge of adding and subtracting fractions with denominators that are multiples of the same number to solve these problems*

1) Kira adds **2/4** and **1/12**. What is her answer?

2) **4/5** of the pupils are in assembly. **5/10** of the pupils are in assembly and sitting on chairs. What fraction of the pupils are in assembly and not sitting on chairs?

3) Krishma is trying to work out what **18/21** plus **two sevenths** is. What fraction should she write as a mixed number?

4) The frog swims **3/4**of the pond’s length. He then swims another **2/12** followed by **3/24** after a quick stop for air. What fraction of the pond’s length did the frog swim in total?

5) Brianna eats **14/36** of her raisins at breakfast and **7/12** at lunch. What fraction of her raisins has she eaten?

6) Olivia ran **2/6** of the marathon. Leo ran **15/18**. What is the difference between the distances they ran, as a simplified fraction?

7) Riley subtracts **3/5** from **11/15**. What should his answer be?

8) Quasim adds **5/4** to **6/12**. What should his answer be as a simplified mixed number?

Answers

1. **7/12**
2. **3/10**
3. **13/21**
4. **25/24 or 11/24**
5. **35/36**
6. **½**
7. **2/15**
8. **13/4**