ASPIRE TO POWER LEARNING

Year 5 | Number

Comparing, adding and subtracting fractions

Learn and practise | Free preview

A sample from this topic. The complete topic collection contains three different resources and worked solutions.

Show your thinking using words, working or a labelled drawing. Use the explanations and example first.

What you will practise

• Comparing, adding and subtracting fractions

• Explain and check an answer with an appropriate representation.

Useful starting skills: Use objects, drawings or a number line to explain a simple idea.

A fraction describes equal parts of a stated whole. The denominator names the part size; the numerator counts those parts. Always check that the wholes being compared are the same size.

Equivalent fractions name the same value. When comparing or combining fractions, use equal-sized parts. A number line helps show order and amounts greater than one.

Worked example

Add 1/3+1/6.

Find a common denominator using factors or multiples.

Rename both fractions without changing their values, then add to obtain 1/2.

Answer: 1/2

Try it yourself

Name: _____ Date: _____

1. Calculate 1/3 +1/6. Use equivalent fractions.

2. Calculate 3/4 -1/8. Use equivalent fractions.

Answers and explanations

Check the method as well as the final answer. An alternative correct method is also valid.

1. 1/2

Use denominator 6 and combine the numerators. Simplify to 1/2.

2. 5/8

Use denominator 8 and combine the numerators. Simplify to 5/8.

Curriculum reference: VC2M5N03; VC2M5N05

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