Year 4 | Number

Equivalent fractions and mixed numbers

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

• Equivalent fractions and mixed numbers

• 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

Write 3/2 as a mixed number.

Two halves make one whole.

Three halves contain one whole and one half.

Answer: 1 1/2

Try it yourself

Name: _____ Date: _____

1. Find an equivalent fraction to 3/4 with denominator 8.

2. Write 7/10 as a decimal.

Answers and explanations

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

1. 6/8

Multiply numerator and denominator by 2.

2. 0.7

Seven tenths occupy the tenths place.

Curriculum reference: VC2M4N03; VC2M4N04

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